

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
 Data File : BM023823.D
 Acq On : 20 Nov 2019 07:31
 Operator : JU
 Sample : K5847-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPS9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.981	12	16	30	rVB	633770	658192	14.10%	1.112%
2	3.304	69	71	76	rVB2	89913	100428	2.15%	0.170%
3	4.598	286	291	296	rVB	97569	136208	2.92%	0.230%
4	5.816	490	498	506	rBV3	58962	146594	3.14%	0.248%
5	6.022	527	533	540	rVB4	55233	101485	2.17%	0.171%
6	6.098	540	546	550	rBV2	62484	108092	2.32%	0.183%
7	6.210	561	565	569	rVB	78904	115047	2.47%	0.194%
8	6.416	594	600	608	rBV3	64799	162187	3.48%	0.274%
9	6.534	616	620	625	rVB	118440	163286	3.50%	0.276%
10	6.663	638	642	655	rVB2	115734	268846	5.76%	0.454%
11	7.010	694	701	707	rVV4	62929	183835	3.94%	0.310%
12	7.081	710	713	725	rVB7	80194	206081	4.42%	0.348%
13	7.181	725	730	737	rBV6	58159	137516	2.95%	0.232%
14	7.339	752	757	760	rBV4	65319	117123	2.51%	0.198%
15	7.422	765	771	773	rBV3	75425	119233	2.55%	0.201%
16	7.451	773	776	779	rVV3	84686	137010	2.94%	0.231%
17	7.516	779	787	795	rVB	1839186	2931027	62.80%	4.950%
18	7.598	795	801	805	rBV4	73398	137496	2.95%	0.232%
19	7.657	805	811	815	rVV7	52597	115350	2.47%	0.195%
20	7.716	817	821	824	rVV3	98863	153460	3.29%	0.259%
21	7.751	824	827	831	rVV	158304	257035	5.51%	0.434%
22	7.786	831	833	841	rVV4	91486	174303	3.73%	0.294%
23	7.963	859	863	868	rBV4	78476	110180	2.36%	0.186%
24	8.063	875	880	886	rVV2	221519	397299	8.51%	0.671%
25	8.116	886	889	895	rVB3	69490	106515	2.28%	0.180%
26	8.198	898	903	910	rBV3	120431	255594	5.48%	0.432%
27	8.292	912	919	922	rBV5	65591	126095	2.70%	0.213%
28	8.339	923	927	931	rVB3	94178	126504	2.71%	0.214%
29	8.398	931	937	941	rBV2	105856	206236	4.42%	0.348%
30	8.628	961	976	985	rBV7	119846	437235	9.37%	0.738%
31	8.716	985	991	994	rBV5	80706	152570	3.27%	0.258%
32	8.757	995	998	1006	rVB6	96227	213997	4.59%	0.361%
33	8.833	1006	1011	1014	rBV4	100766	188811	4.05%	0.319%
34	8.869	1014	1017	1023	rVB4	138837	266651	5.71%	0.450%

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35	8.986	1029	1037	1039	rBV5	58115	131194	2.81%	0.222%
36	9.104	1053	1057	1062	rVB3	80215	136211	2.92%	0.230%
37	9.169	1063	1068	1072	rVV	162309	267212	5.73%	0.451%
38	9.222	1073	1077	1084	rVB3	166288	271548	5.82%	0.459%
39	9.286	1084	1088	1095	rBV3	62589	110343	2.36%	0.186%
40	9.480	1116	1121	1129	rVB4	188604	423482	9.07%	0.715%
41	9.592	1134	1140	1145	rVV3	127045	286788	6.14%	0.484%
42	9.669	1149	1153	1158	rVV2	107859	176709	3.79%	0.298%
43	9.745	1160	1166	1173	rVB5	155554	350425	7.51%	0.592%
44	9.851	1180	1184	1188	rVB	107267	142146	3.05%	0.240%
45	9.904	1188	1193	1201	rVB5	94144	195182	4.18%	0.330%
46	10.045	1213	1217	1221	rBV4	57948	100072	2.14%	0.169%
47	10.169	1233	1238	1241	rBV4	100496	167231	3.58%	0.282%
48	10.210	1242	1245	1249	rVV3	94430	150880	3.23%	0.255%
49	10.292	1249	1259	1266	rVV	2497258	4353000	93.27%	7.352%
50	10.380	1271	1274	1277	rVV4	83712	135116	2.90%	0.228%
51	10.427	1277	1282	1286	rVV5	109501	229424	4.92%	0.387%
52	10.480	1286	1291	1297	rVV	552354	868889	18.62%	1.468%
53	10.545	1297	1302	1306	rVV6	109581	249767	5.35%	0.422%
54	10.604	1309	1312	1317	rVB3	120243	195313	4.18%	0.330%
55	10.710	1326	1330	1334	rVB4	89143	132914	2.85%	0.224%
56	10.792	1340	1344	1349	rBV3	139932	230659	4.94%	0.390%
57	10.980	1372	1376	1379	rBV3	120770	188569	4.04%	0.318%
58	11.045	1384	1387	1390	rVV	99158	141266	3.03%	0.239%
59	11.080	1390	1393	1398	rVV	118189	185024	3.96%	0.313%
60	11.151	1401	1405	1411	rVV3	157108	290301	6.22%	0.490%
61	11.233	1415	1419	1426	rVB3	190162	325611	6.98%	0.550%
62	11.339	1431	1437	1443	rBV2	693760	1245419	26.68%	2.103%
63	11.592	1476	1480	1485	rBV3	102454	152435	3.27%	0.257%
64	11.751	1498	1507	1517	rBV	848038	1600016	34.28%	2.702%
65	11.886	1527	1530	1534	rVB4	78102	94742	2.03%	0.160%
66	12.045	1553	1557	1560	rBV3	114208	178775	3.83%	0.302%
67	12.363	1607	1611	1613	rBV5	71922	118050	2.53%	0.199%
68	12.398	1614	1617	1621	rVV2	161722	256901	5.50%	0.434%
69	12.451	1621	1626	1632	rVV2	168079	335013	7.18%	0.566%
70	12.510	1633	1636	1644	rVB5	140773	221887	4.75%	0.375%
71	12.586	1644	1649	1658	rBV3	223983	494991	10.61%	0.836%

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72	12.668	1659	1663	1668	rBV2	177477	317120	6.79%	0.536%
73	12.727	1668	1673	1677	rBV	631351	847248	18.15%	1.431%
74	13.015	1718	1722	1730	rVB	915385	1452771	31.13%	2.454%
75	13.110	1734	1738	1742	rBV3	133688	178232	3.82%	0.301%
76	13.598	1817	1821	1826	rVB	471519	619706	13.28%	1.047%
77	13.686	1830	1836	1840	rVV2	826144	1367523	29.30%	2.310%
78	13.721	1840	1842	1849	rVB2	233273	382911	8.20%	0.647%
79	13.804	1853	1856	1860	rVB2	126289	142006	3.04%	0.240%
80	13.898	1869	1872	1878	rBV5	129949	313135	6.71%	0.529%
81	14.010	1887	1891	1895	rBV	305271	413223	8.85%	0.698%
82	14.104	1902	1907	1911	rBV	1029087	1437879	30.81%	2.429%
83	14.180	1911	1920	1930	rVB	2758195	4667207	100.00%	7.883%
84	14.610	1990	1993	1997	rBV2	154786	224377	4.81%	0.379%
85	14.727	2009	2013	2019	rVB2	526675	749718	16.06%	1.266%
86	14.804	2023	2026	2029	rBV4	94050	129434	2.77%	0.219%
87	14.974	2051	2055	2060	rVB3	330516	448342	9.61%	0.757%
88	15.062	2066	2070	2075	rBV	917029	1141253	24.45%	1.928%
89	15.474	2134	2140	2145	rVB	740575	1177987	25.24%	1.990%
90	15.674	2171	2174	2181	rBV4	268297	542297	11.62%	0.916%
91	15.927	2213	2217	2219	rBV	1170429	1611197	34.52%	2.721%
92	15.956	2219	2222	2226	rVB	1474676	1949313	41.77%	3.292%
93	16.721	2349	2352	2356	rBV	1034431	1264979	27.10%	2.137%
94	16.774	2357	2361	2366	rVB	1312370	1830814	39.23%	3.092%
95	16.927	2383	2387	2392	rBV	2679696	3736034	80.05%	6.310%
96	17.380	2461	2464	2469	rVB	634395	799636	17.13%	1.351%
97	17.456	2474	2477	2482	rVB	1312541	1588016	34.02%	2.682%
98	18.156	2592	2596	2601	rBV	1476896	2043497	43.78%	3.451%
99	18.621	2672	2675	2679	rBV	1374146	1866685	40.00%	3.153%
100	18.797	2702	2705	2709	rVB	1385686	1613947	34.58%	2.726%

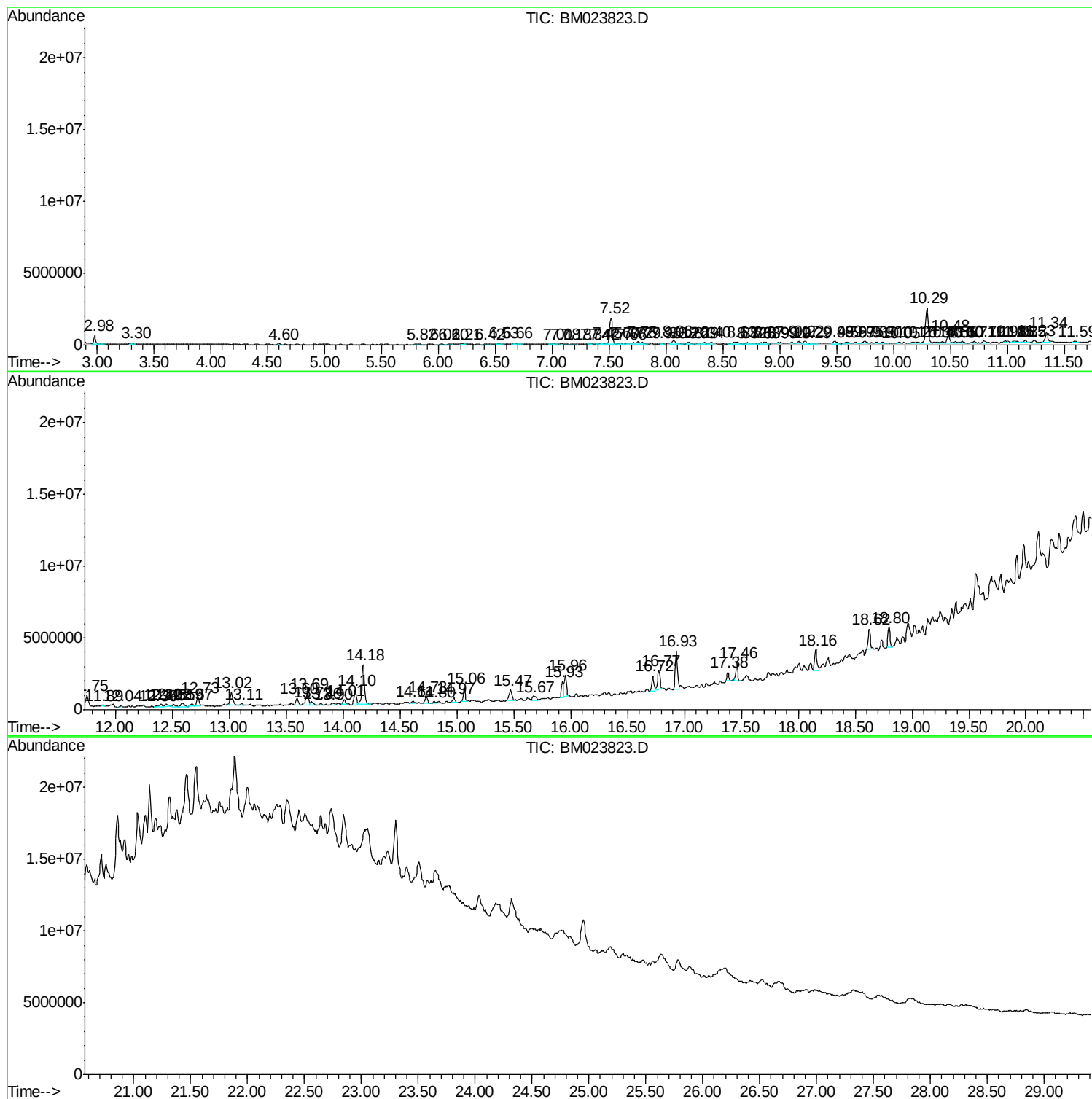
Sum of corrected areas: 59207513

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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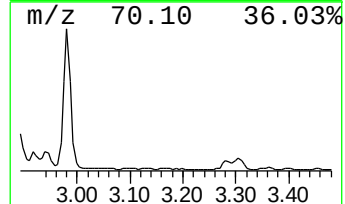
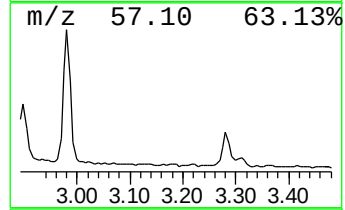
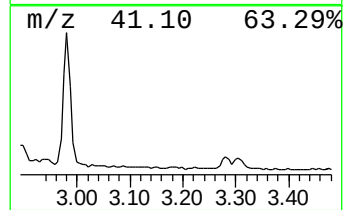
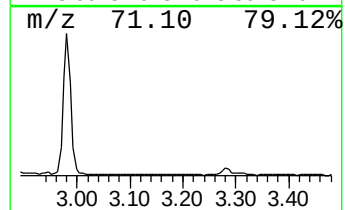
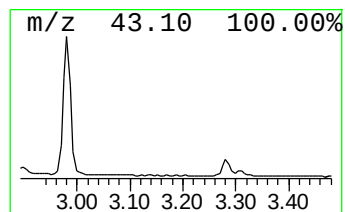
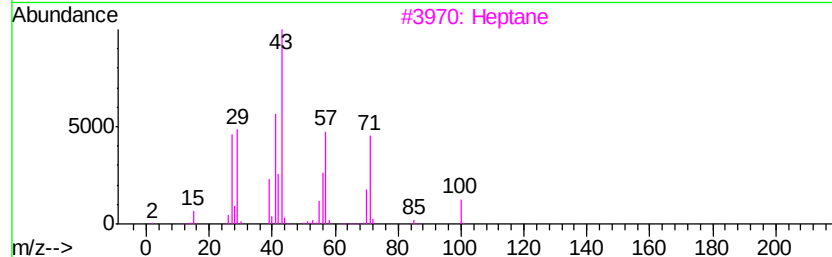
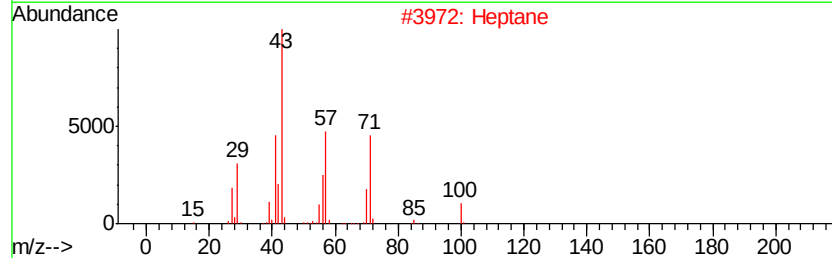
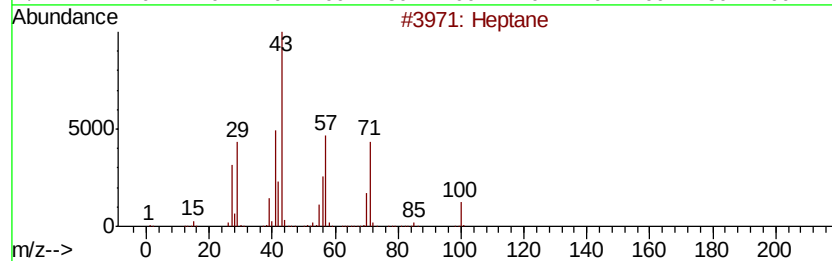
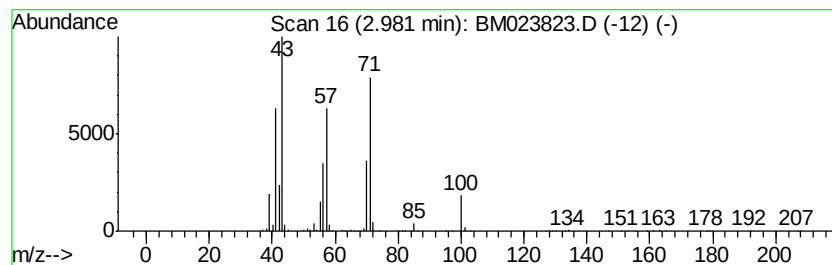
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	4.49 ng/ul	658192	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane	100	C7H16	000142-82-5	91
2		Heptane	100	C7H16	000142-82-5	91
3		Heptane	100	C7H16	000142-82-5	91
4		Heptane	100	C7H16	000142-82-5	87
5		1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	59



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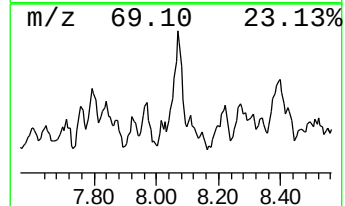
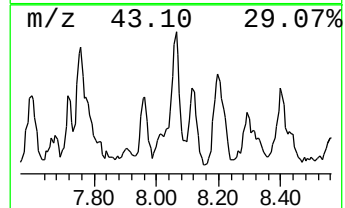
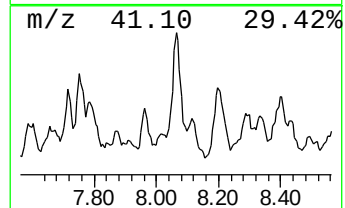
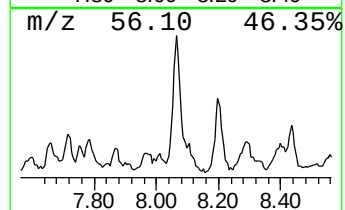
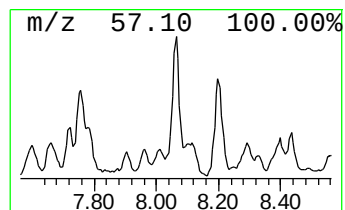
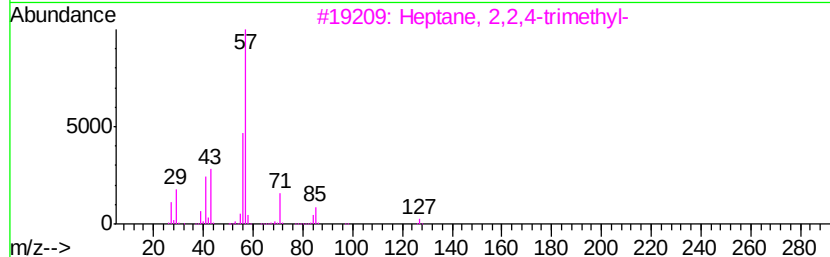
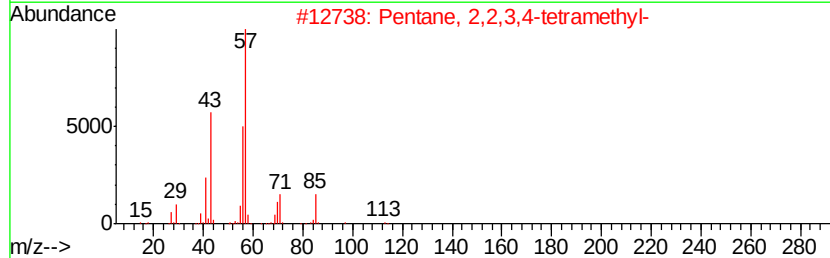
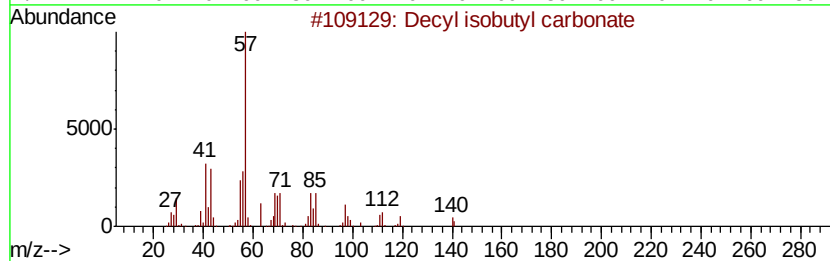
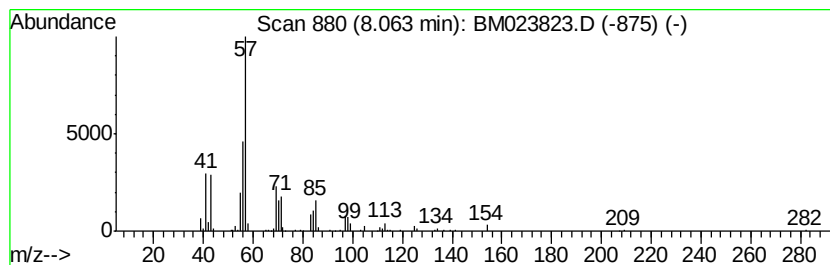
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Decyl isobutyl carbonate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	2.71 ng/ul	397299	1,4-Dichlorobenzene-d4	7.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	64
2			Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	59
3			Heptane, 2,2,4-trimethyl-	142	C10H22	014720-74-2	53
4			Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
5			Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	50



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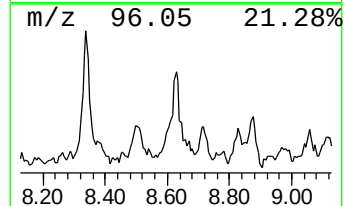
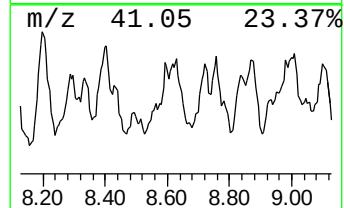
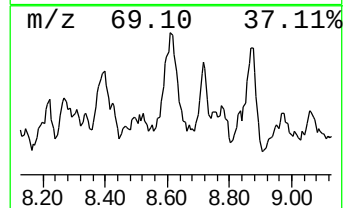
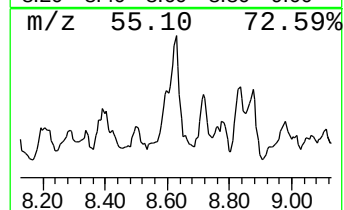
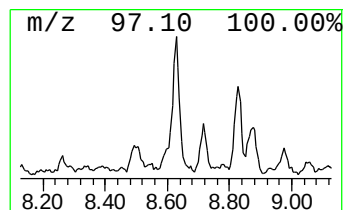
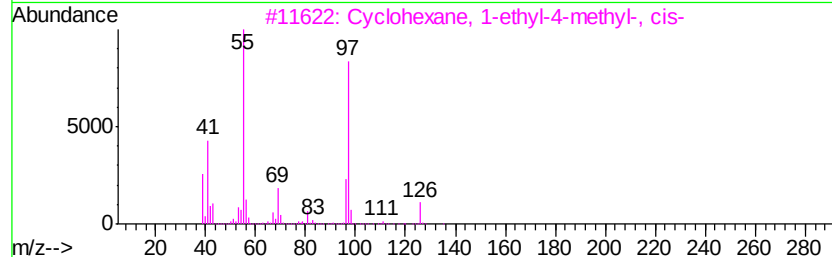
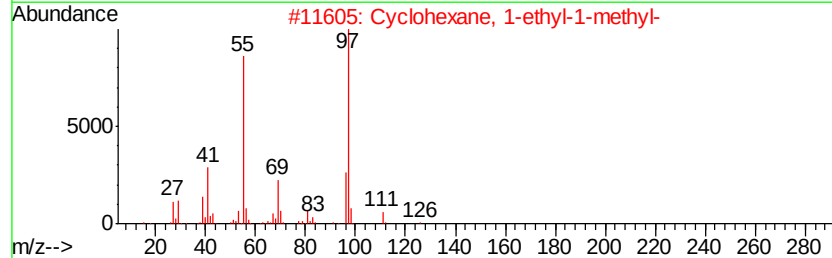
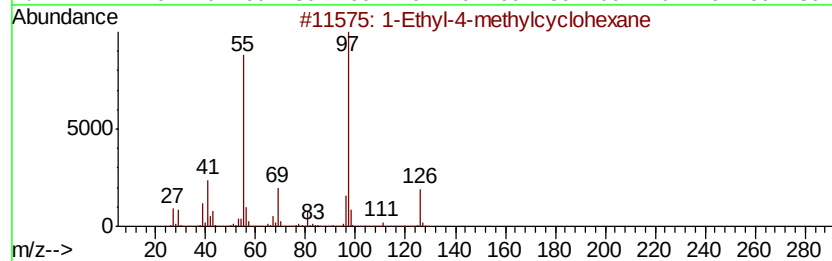
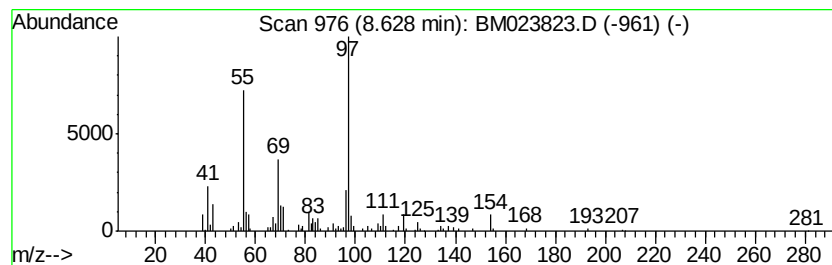
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Peak Number 3 (DEL) Alkane: Cyclic8.63 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	2.98 ng/ul	437235	1,4-Dichlorobenzene-d4	7.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
2		Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	59
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	59
4		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	59
5		Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59



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Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
Operator : JU
Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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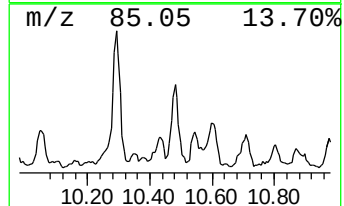
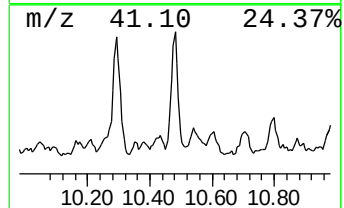
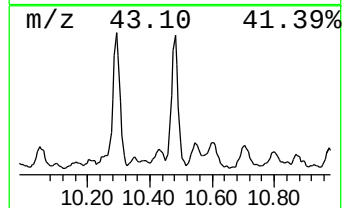
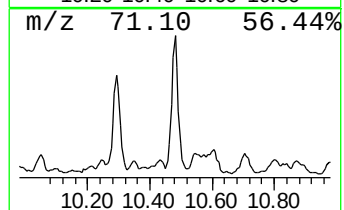
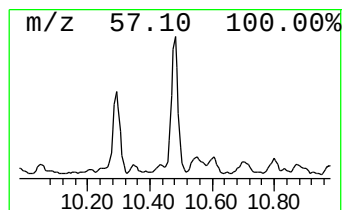
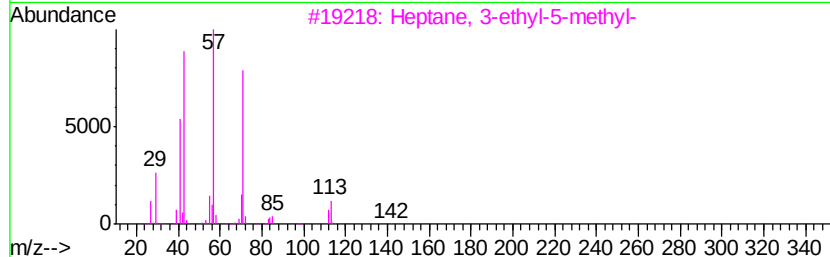
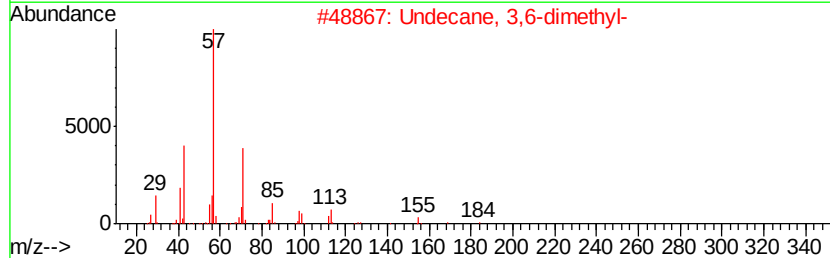
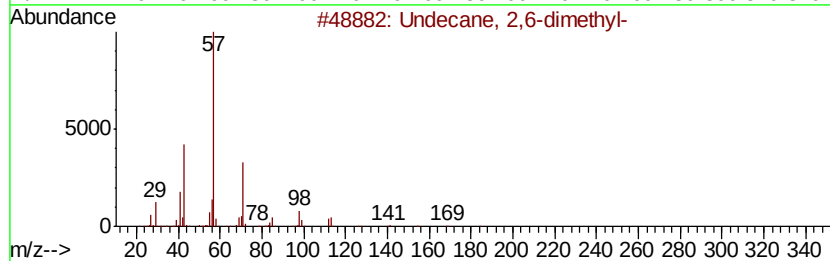
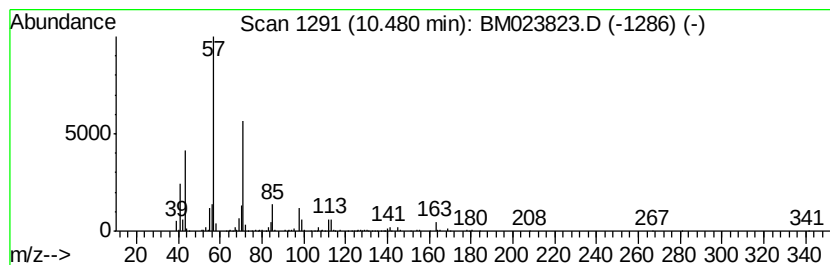
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	3.99 ng/ul	868889	Naphthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	70
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	58
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	53
5		Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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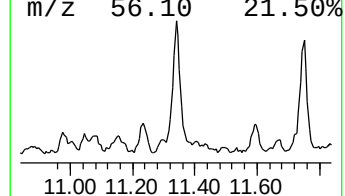
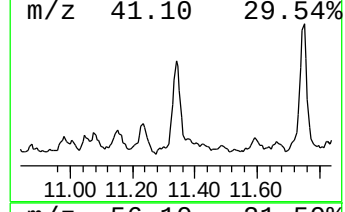
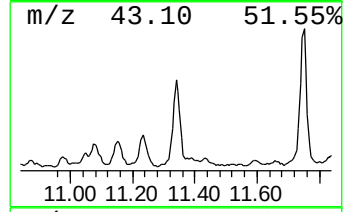
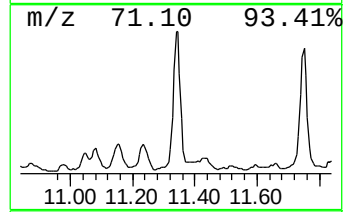
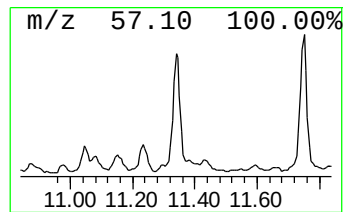
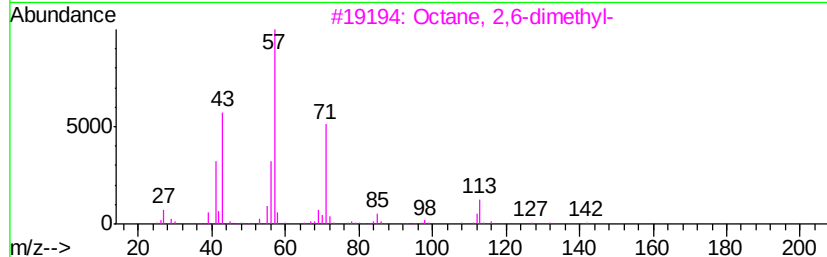
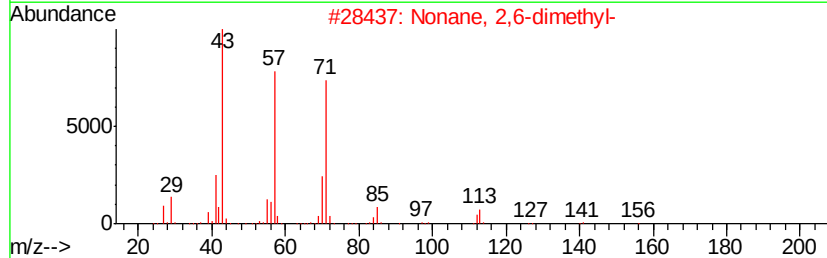
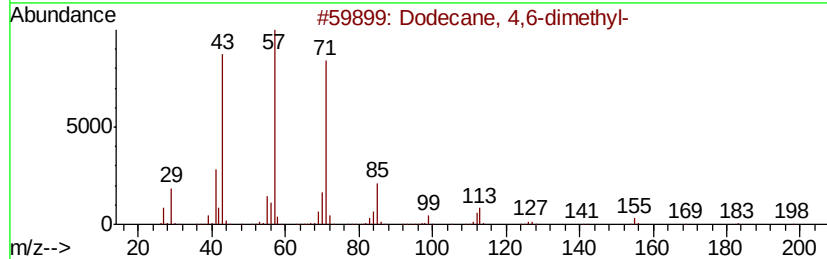
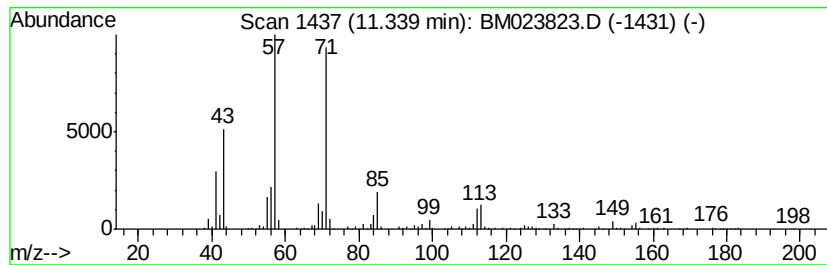
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	5.72 ng/ul	1245420	Napthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	90
2		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	72
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53
5		Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
 Data File : BM023823.D
 Acq On : 20 Nov 2019 07:31
 Operator : JU
 Sample : K5847-10
 Misc :
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Instrument :
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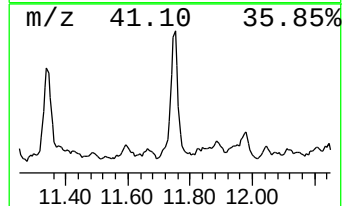
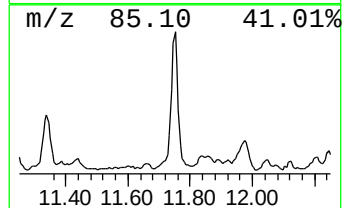
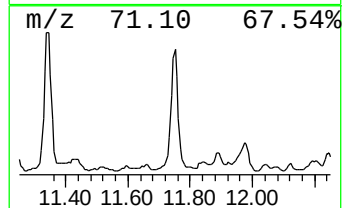
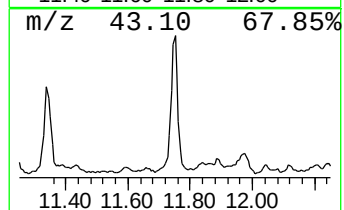
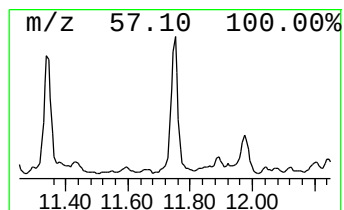
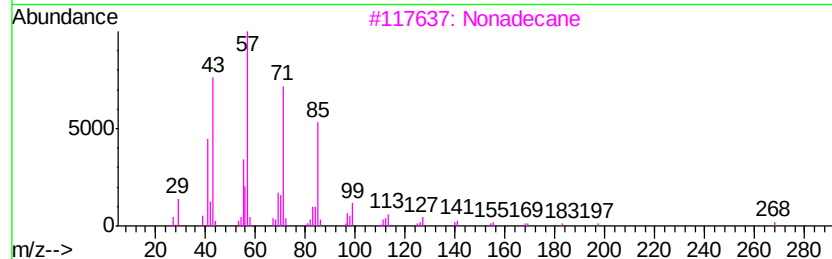
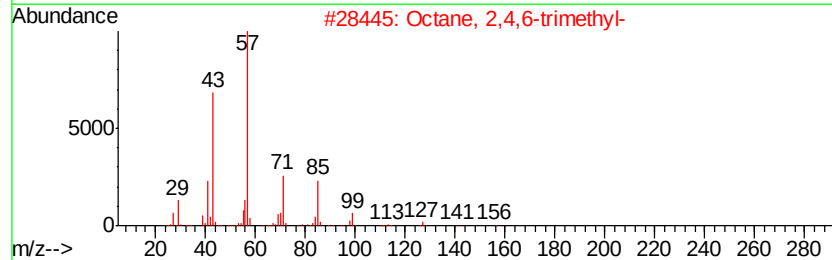
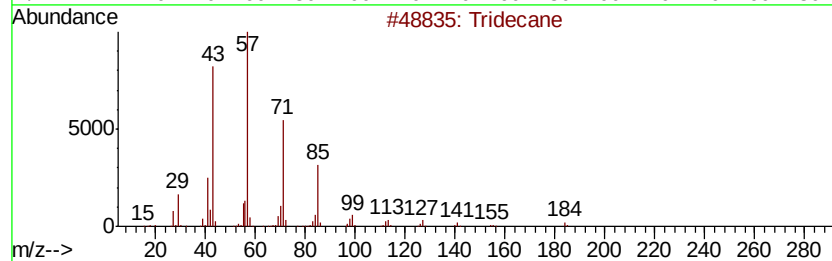
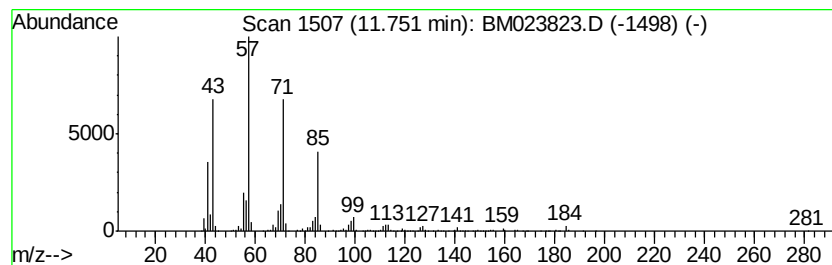
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	7.35 ng/ul	1600020	Napthalene-d8	10.29

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	93
2		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	86
3		Nonadecane	268	C19H40	000629-92-5	86
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Acq On : 20 Nov 2019 07:31
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Sample : K5847-10
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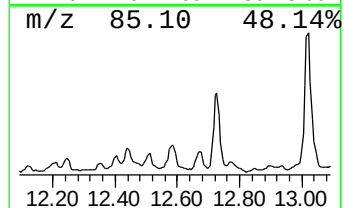
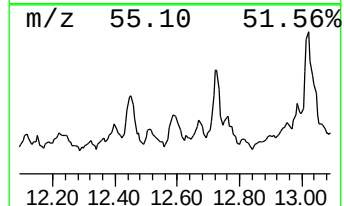
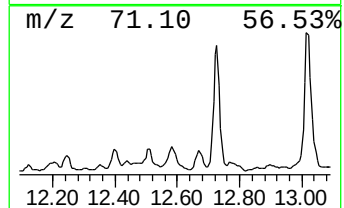
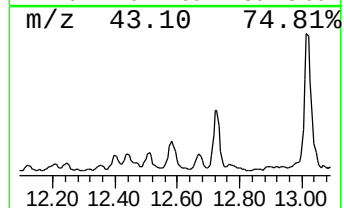
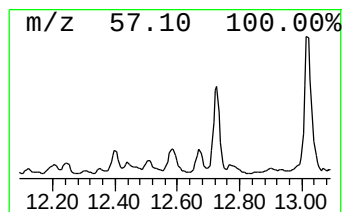
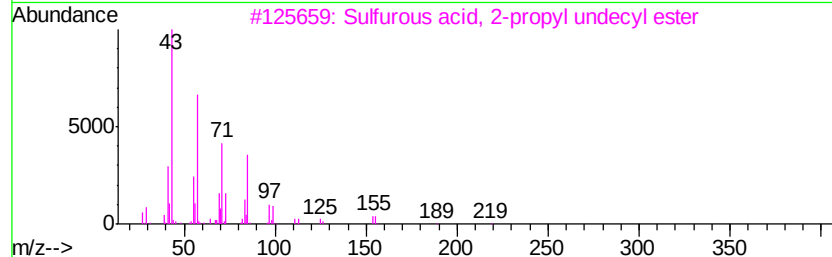
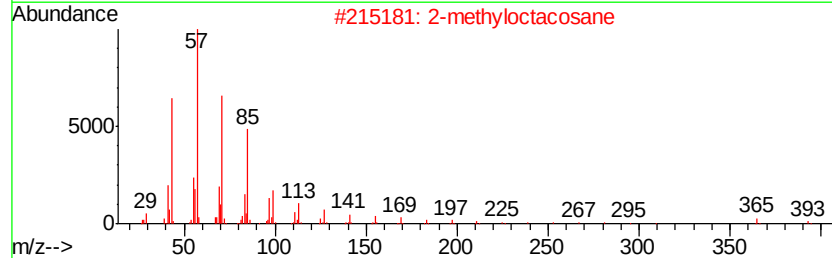
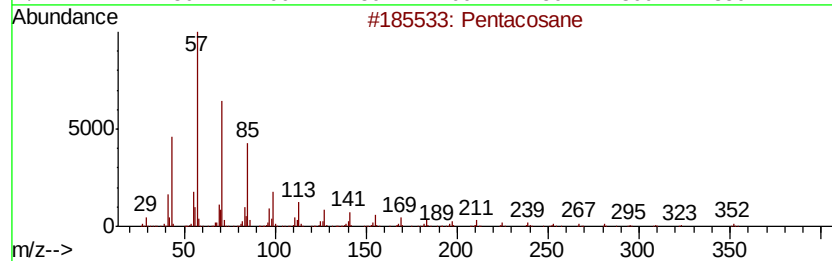
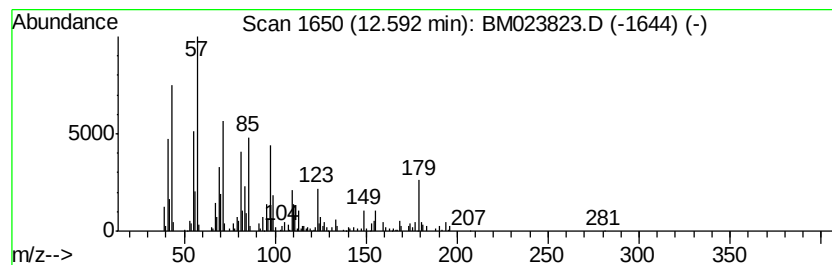
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.59	2.12 ng/ul	494991	Acenaphthene-d10	14.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentacosane	352 C25H52	000629-99-2	80
2	2-methyloctacosane	408 C29H60	1000376-72-8	72
3	Sulfurous acid, 2-propyl undecyl...	278 C14H30O3S	1000309-12-2	72
4	Tridecane, 2-methyl-	198 C14H30	001560-96-9	53
5	Sulfurous acid, pentyl undecyl e...	306 C16H34O3S	1000309-14-4	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
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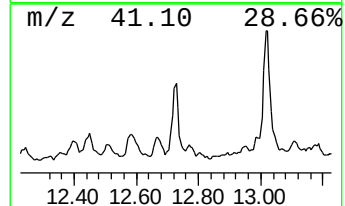
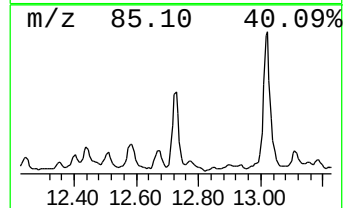
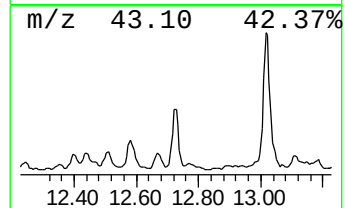
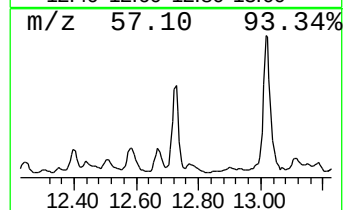
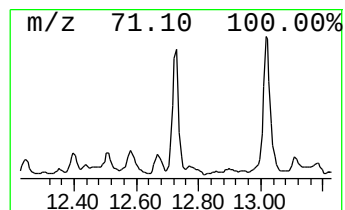
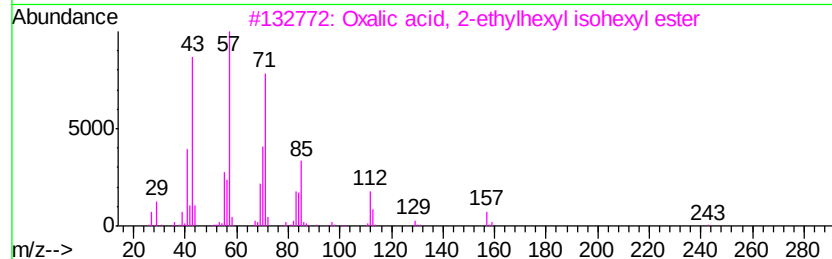
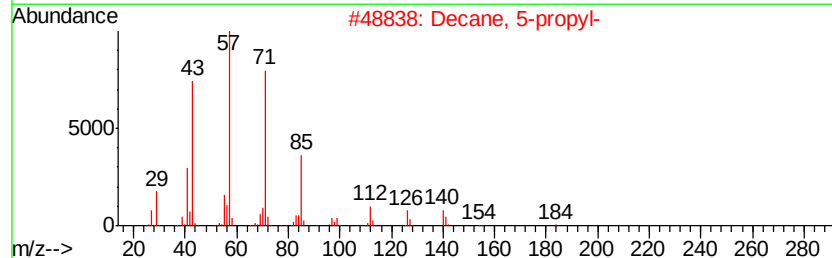
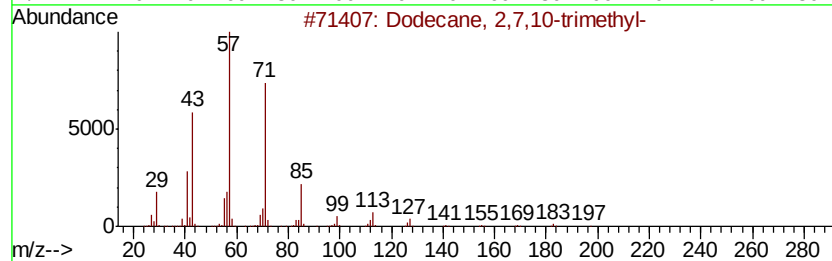
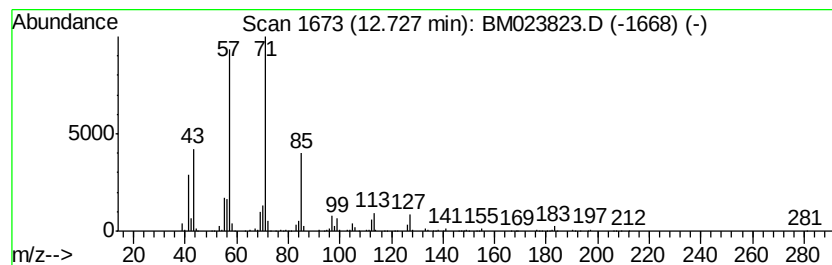
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	3.63 ng/ul	847248	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Decane, 5-propyl-	184	C13H28	017312-62-8	78
3		Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	72
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
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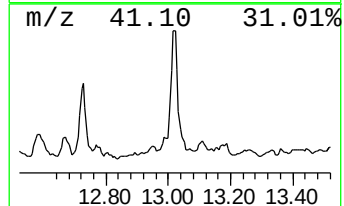
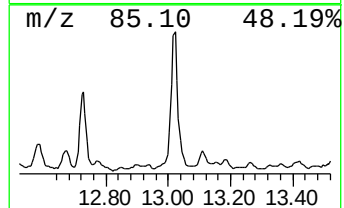
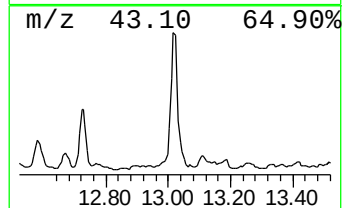
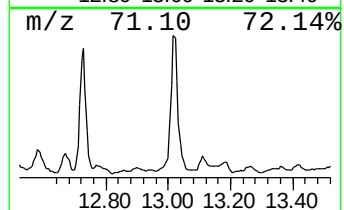
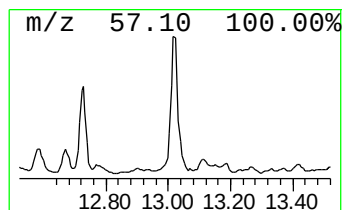
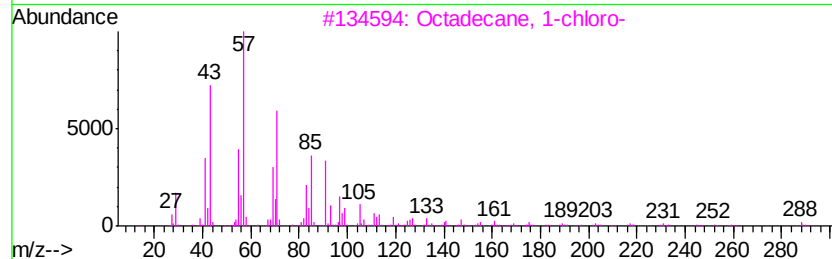
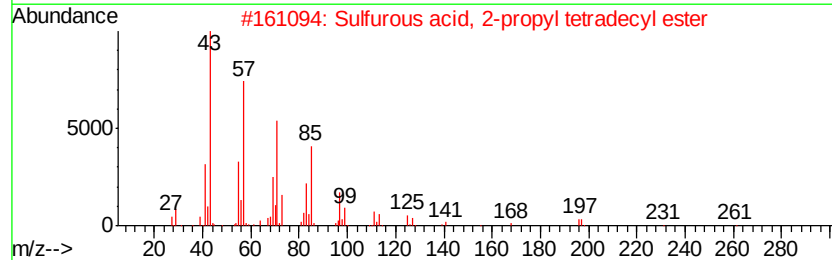
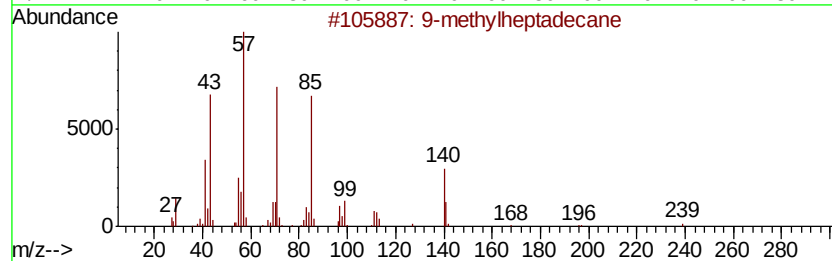
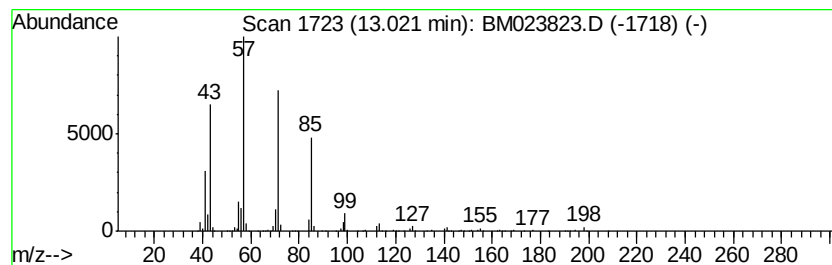
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	6.23 ng/ul	1452770	Acenaphthene-d10	14.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-methylheptadecane	254	C18H38	026741-18-4	83
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	72
3		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
4		Tridecane	184	C13H28	000629-50-5	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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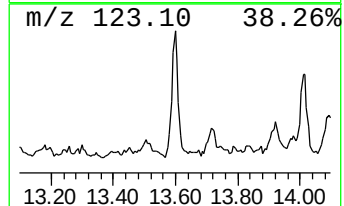
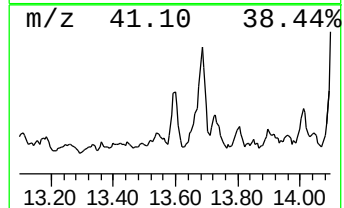
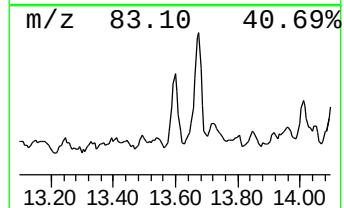
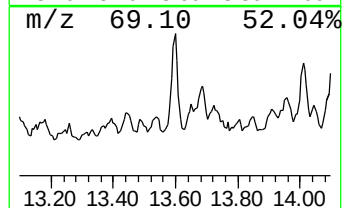
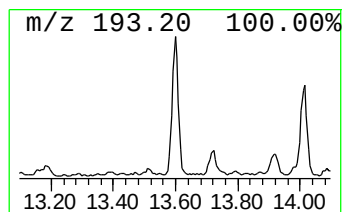
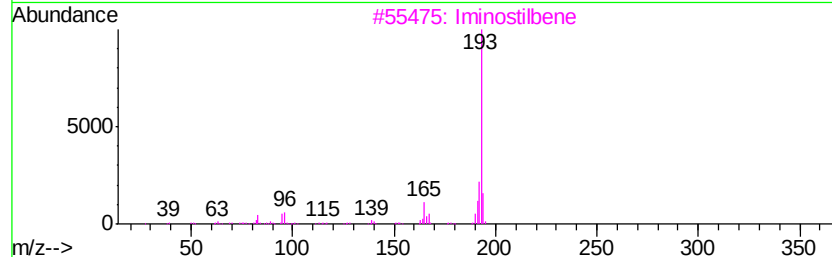
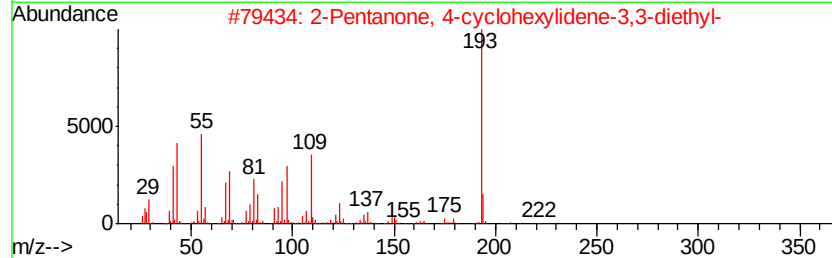
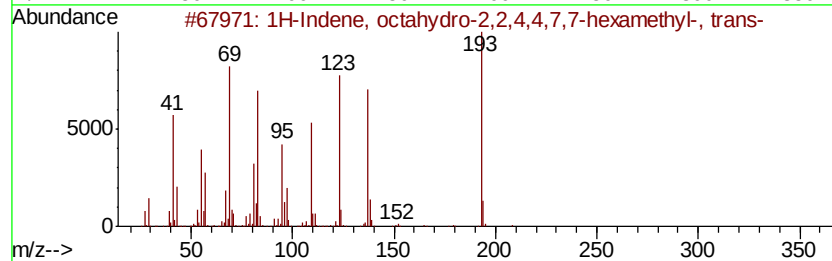
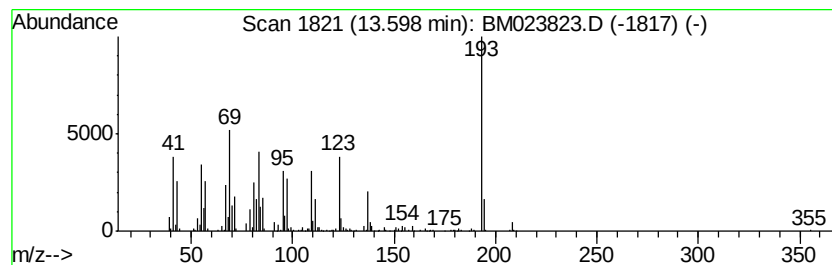
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, octahydro-2,2,4,... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.60	2.66 ng/ul	619706	Acenaphthene-d10	14.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1H-Indene, octahydro-2,2,4,4,7,7...	208 C15H28	054832-83-6	50
2	2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5	47
3	Iminostilbene	193 C14H11N	000256-96-2	43
4	1-(p-Fluorophenyl)-4-piperidone	193 C11H12FN O	1000238-56-7	38
5	S-Phenyl 5-(phenylthio)pentaneth...	302 C17H18OS2	1000234-40-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Acq On : 20 Nov 2019 07:31
Operator : JU
Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

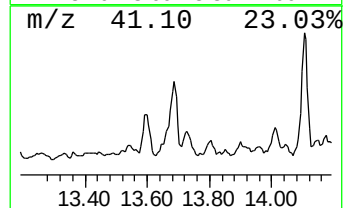
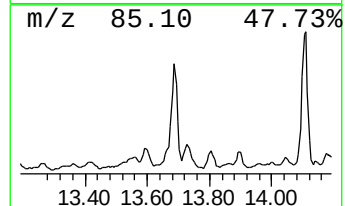
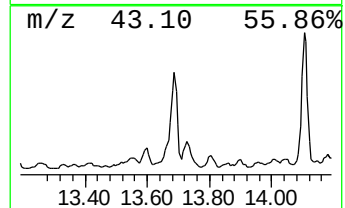
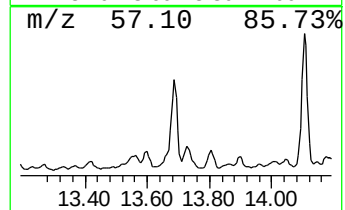
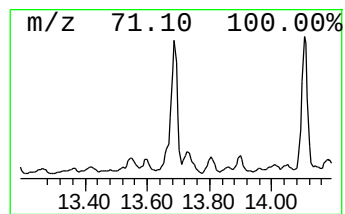
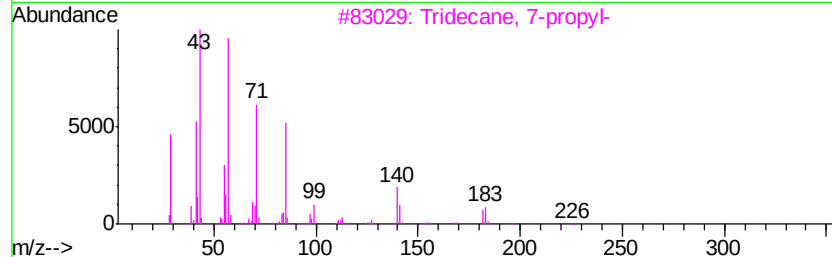
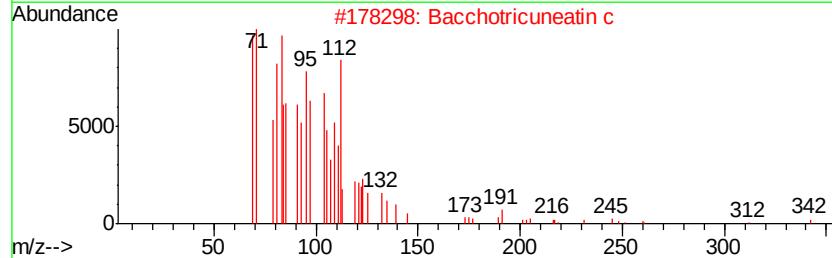
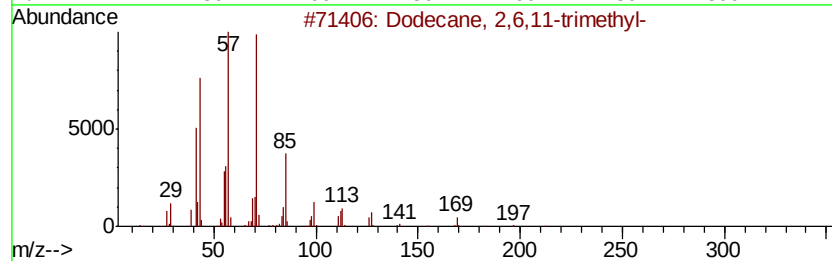
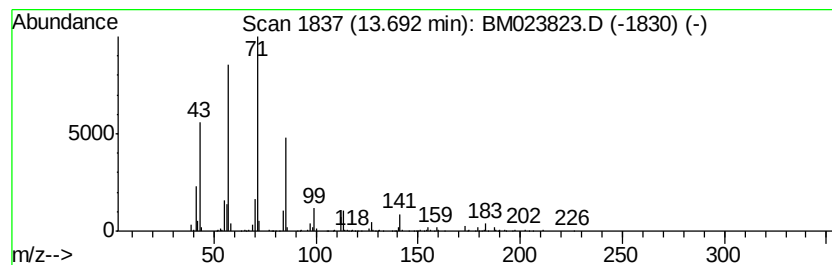
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.69	5.86 ng/ul	1367520	Acenaphthene-d10		14.18
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64
3	Tridecane, 7-propyl-	226	C16H34	055045-09-5	58
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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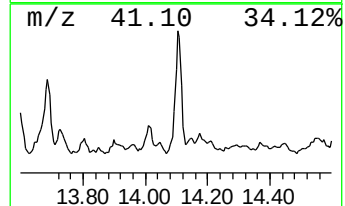
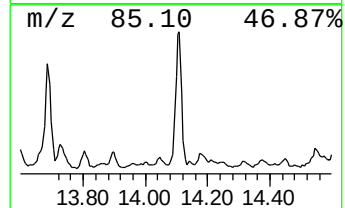
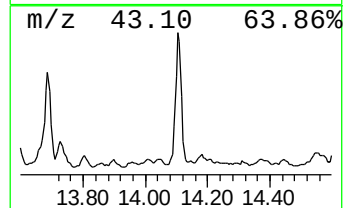
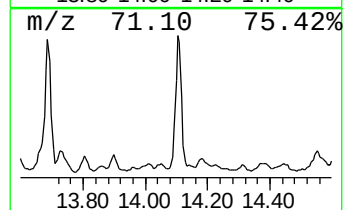
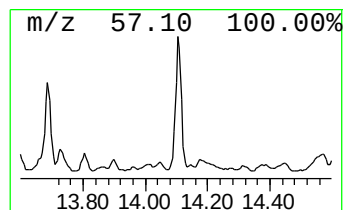
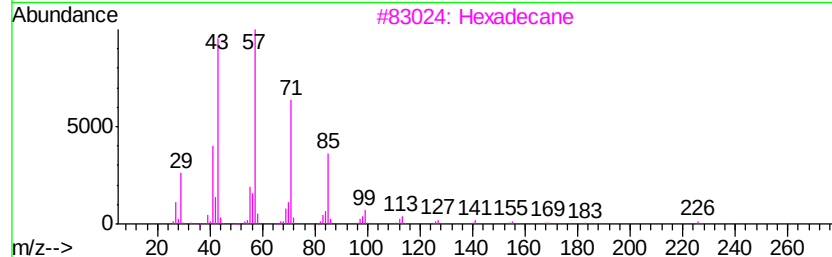
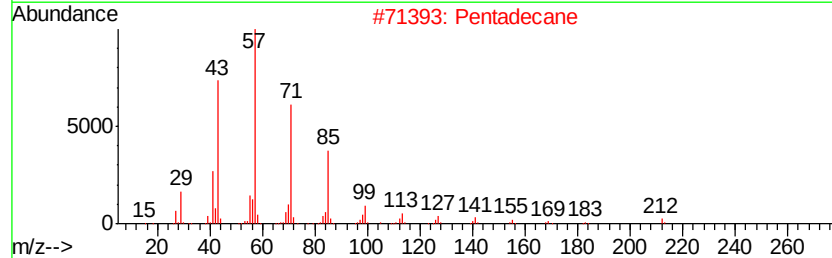
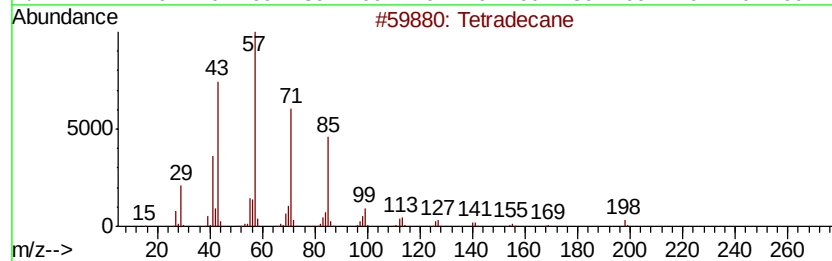
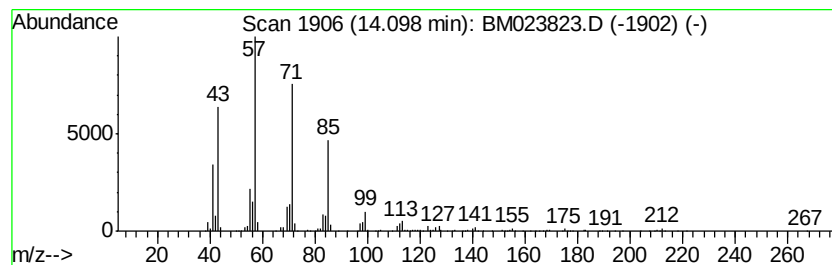
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.10	6.16 ng/ul	1437880	Acenaphthene-d10	14.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	86
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

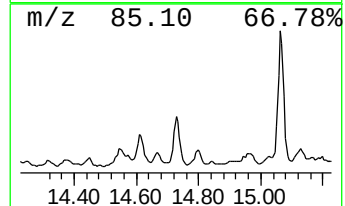
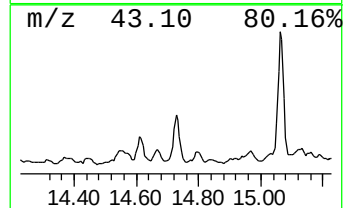
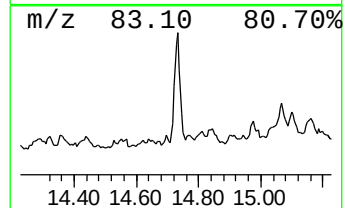
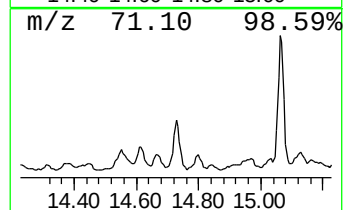
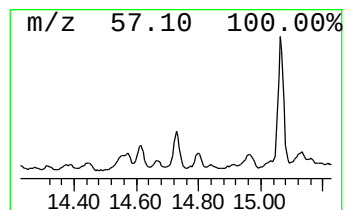
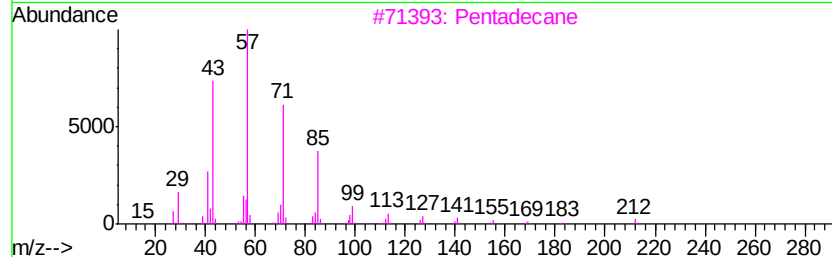
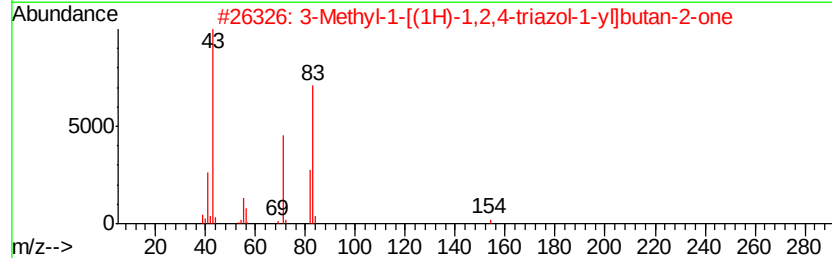
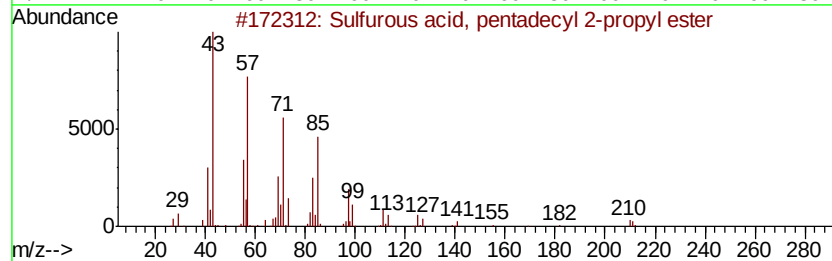
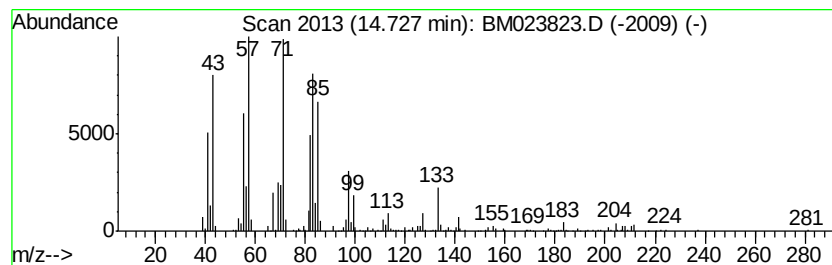
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	3.21 ng/ul	749718	Acenaphthene-d10	14.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Sulfurous acid, pentadecyl 2-pro...	334 C18H38O3S	1000309-12-6 49
2		3-Methyl-1-[(1H)-1,2,4-triazol-1...	153 C7H11N3O	064922-02-7 43
3		Pentadecane	212 C15H32	000629-62-9 43
4		2-Bromotetradecane	276 C14H29Br	074036-95-6 43
5		Eicosane	282 C20H42	000112-95-8 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
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Sample : K5847-10
Misc :
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Instrument :
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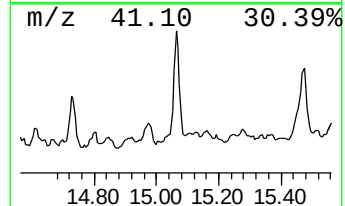
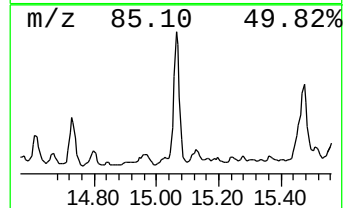
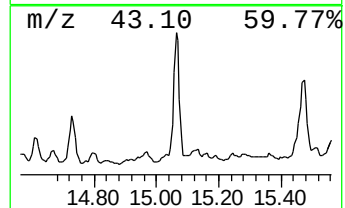
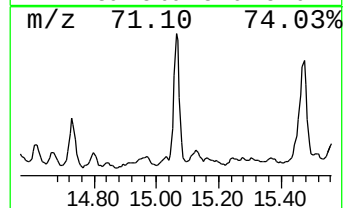
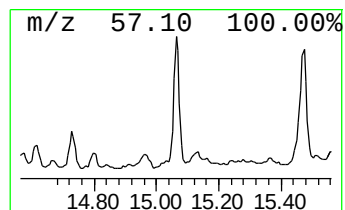
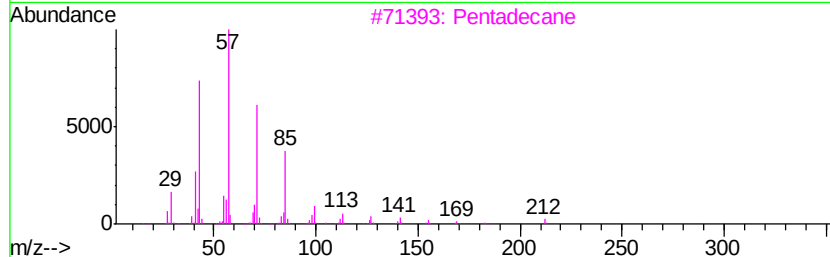
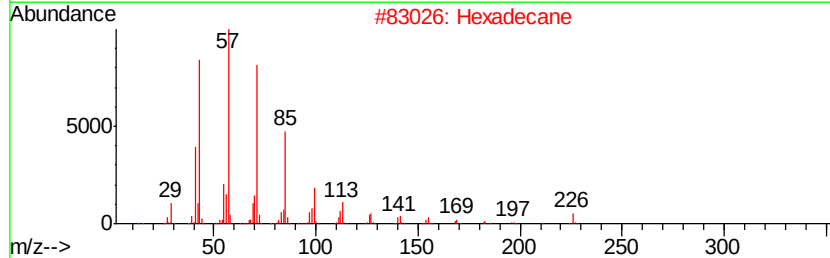
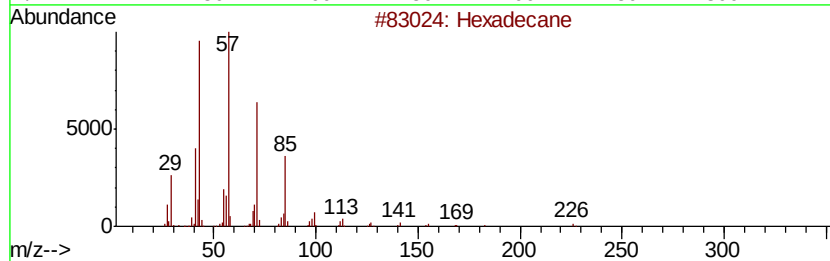
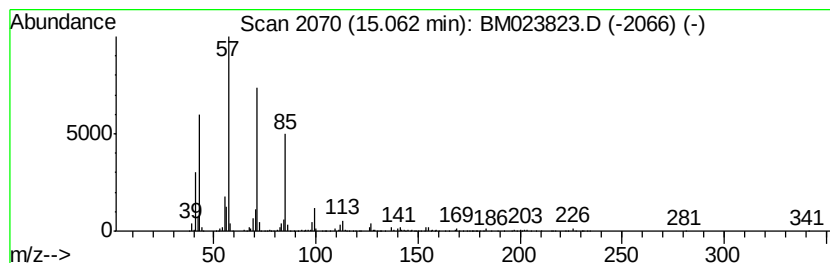
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	4.89 ng/ul	1141250	Acenaphthene-d10	14.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	94
2			Hexadecane	226	C16H34	000544-76-3	91
3			Pentadecane	212	C15H32	000629-62-9	90
4			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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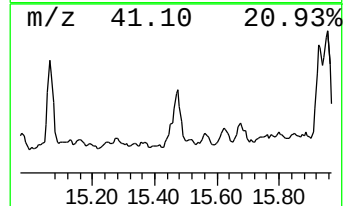
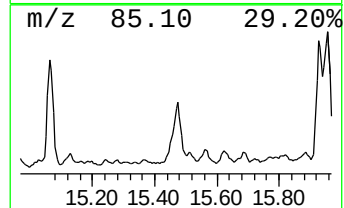
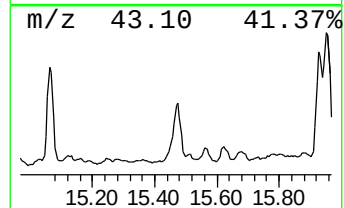
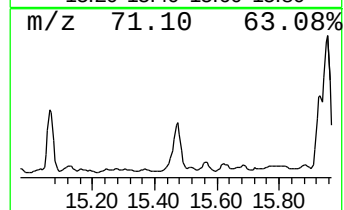
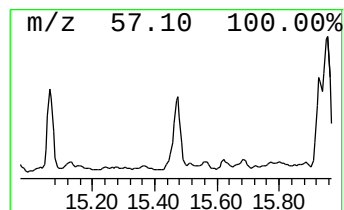
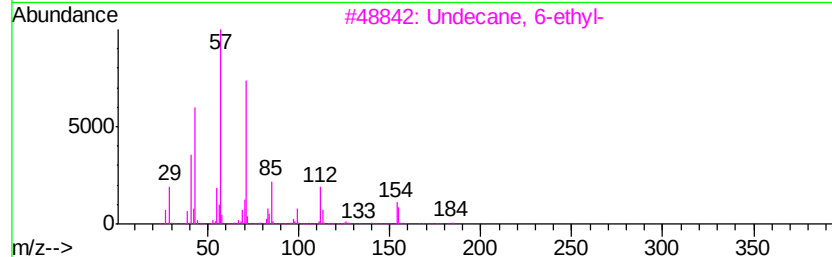
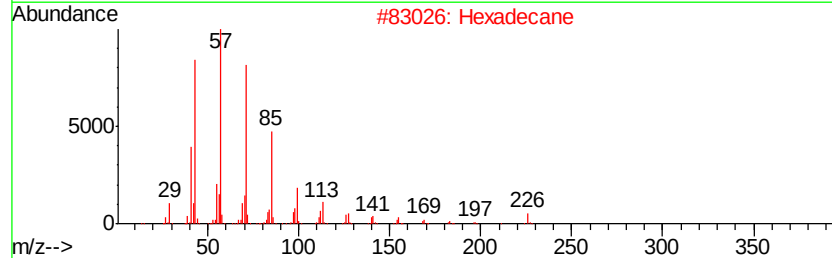
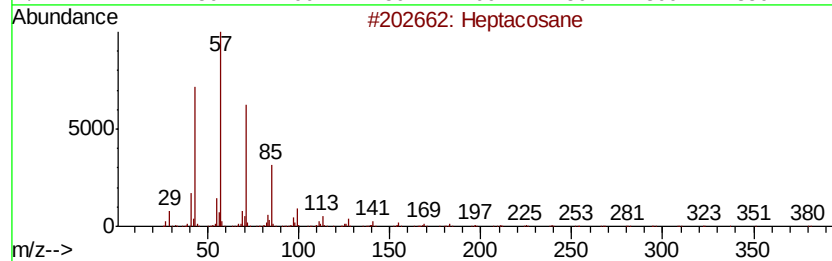
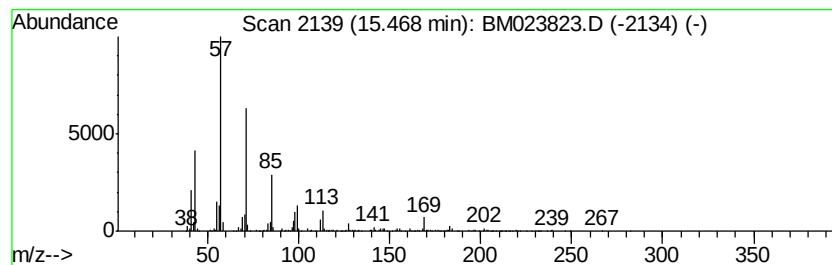
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.47	5.05 ng/ul	1177990	Acenaphthene-d10	14.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	80
2			Hexadecane	226	C16H34	000544-76-3	74
3			Undecane, 6-ethyl-	184	C13H28	017312-60-6	68
4			Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
5			Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
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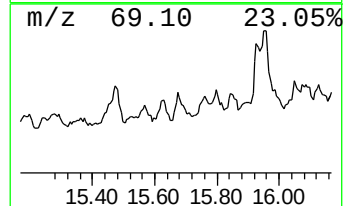
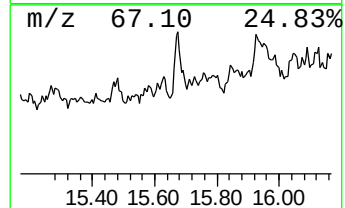
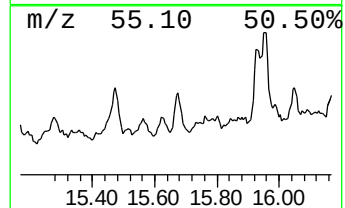
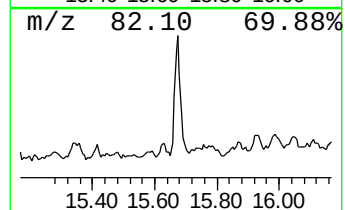
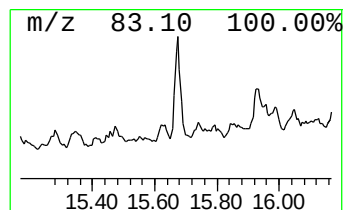
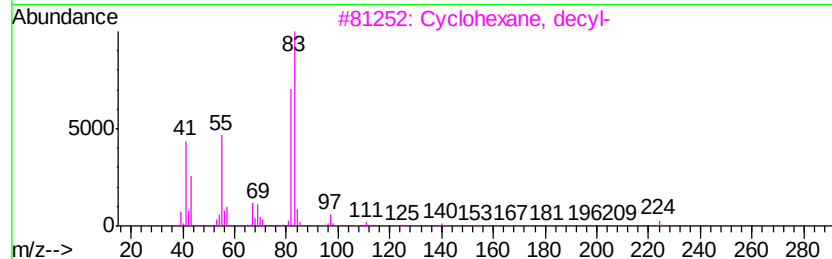
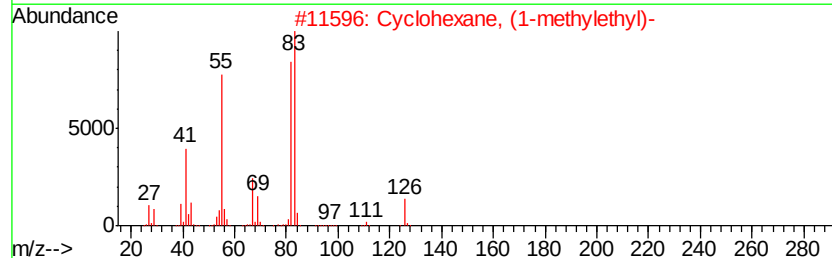
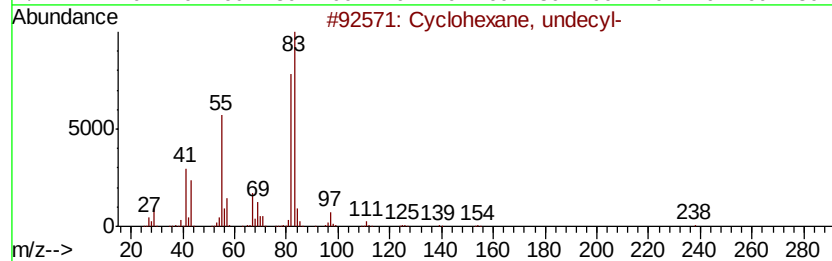
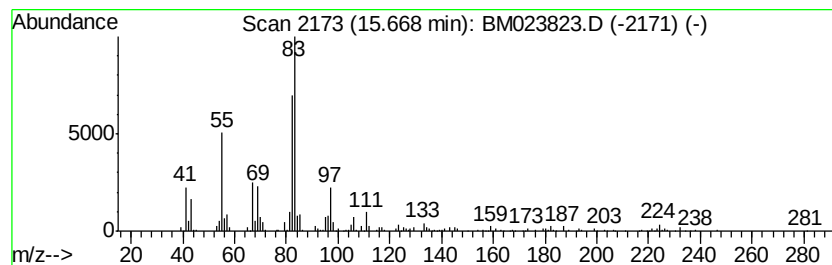
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic15.67 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	2.90 ng/ul	542297	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	70
2		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	59
3		Cyclohexane, decyl-	224	C16H32	001795-16-0	58
4		Cyclohexane, octyl-	196	C14H28	001795-15-9	53
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Misc :
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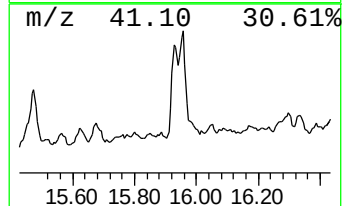
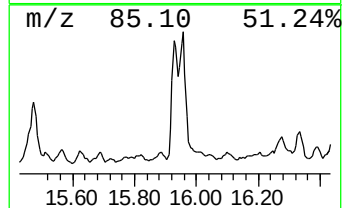
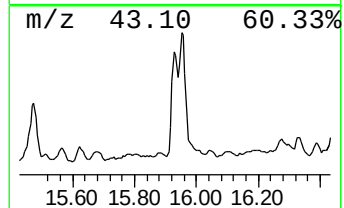
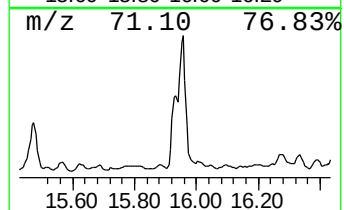
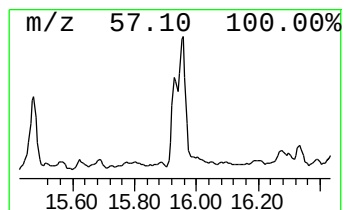
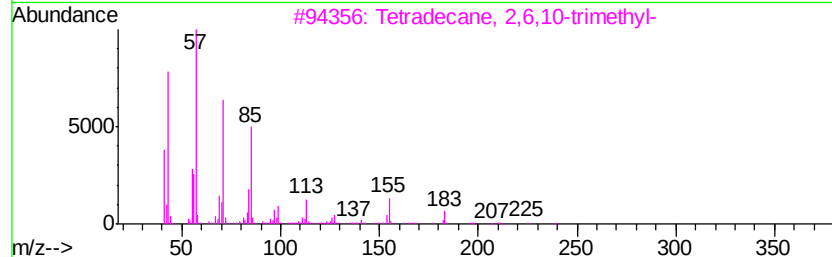
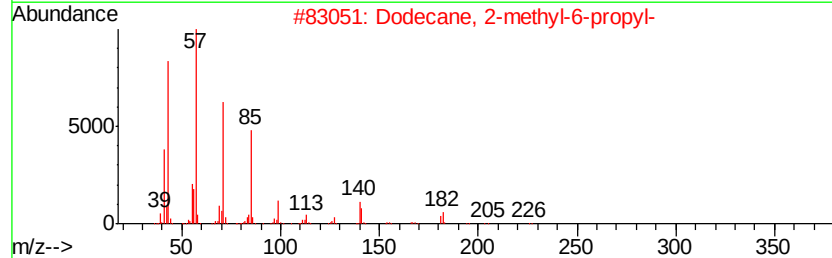
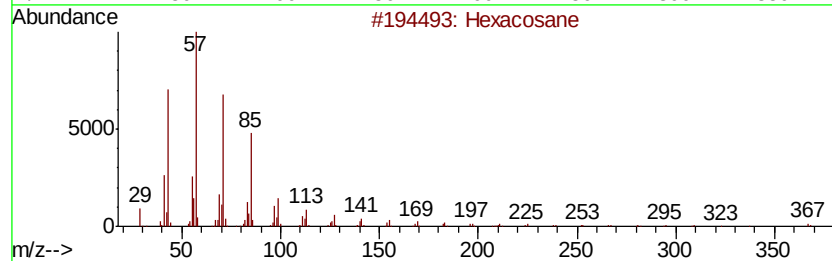
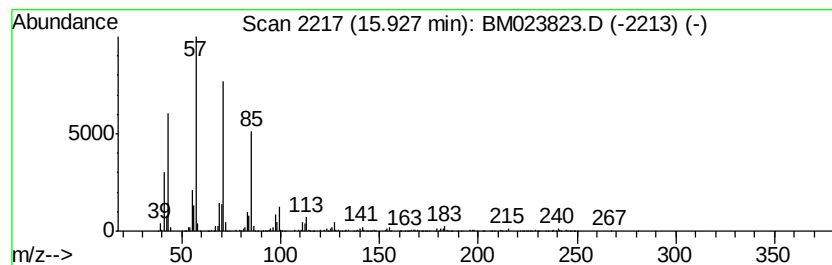
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	8.63 ng/ul	1611200	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	91
2			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
4			Eicosane	282	C20H42	000112-95-8	86
5			Heptacosane	380	C27H56	000593-49-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
Operator : JU
Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPS9

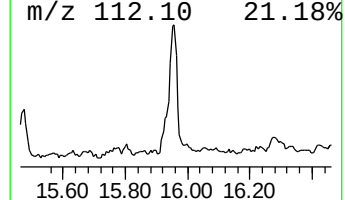
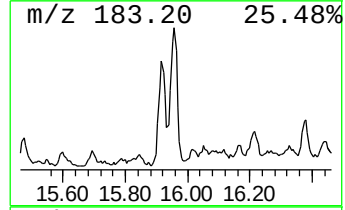
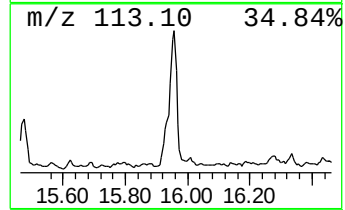
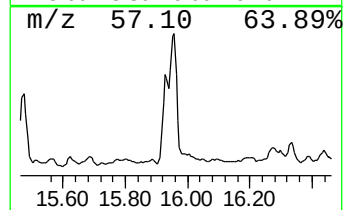
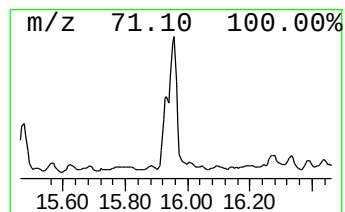
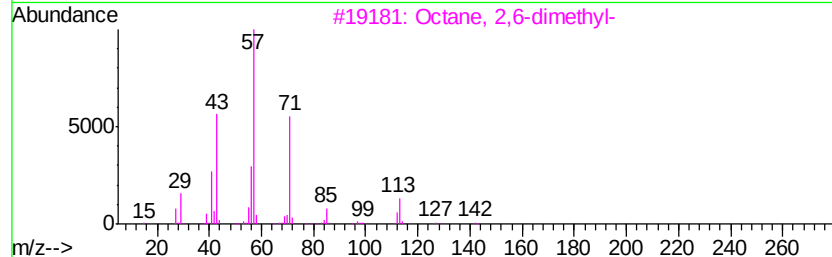
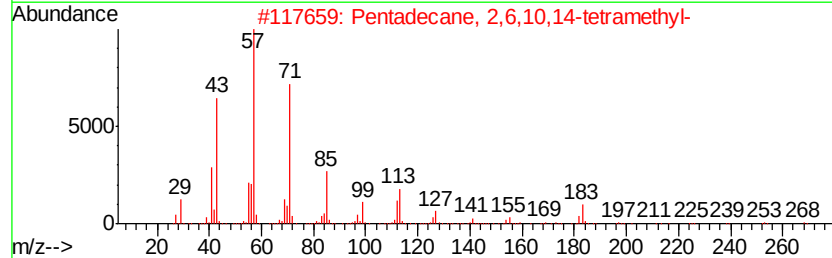
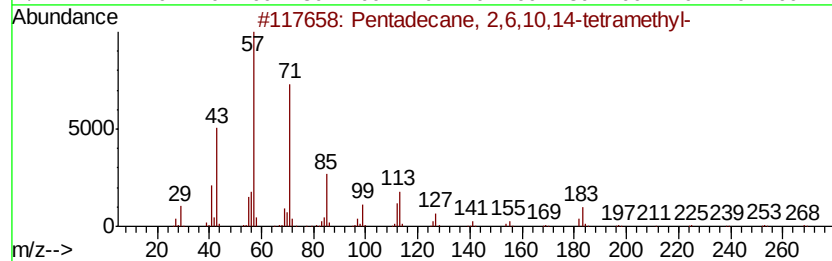
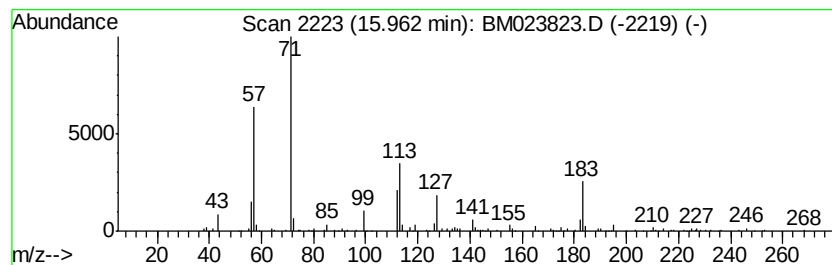
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	10.44 ng/ul	1949310	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	86
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4		Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	59
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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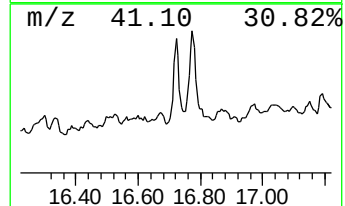
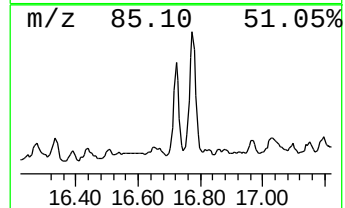
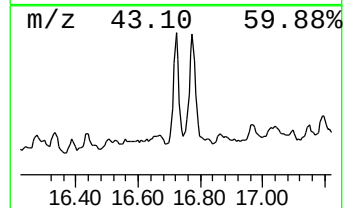
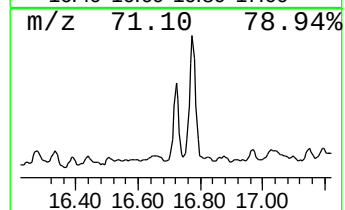
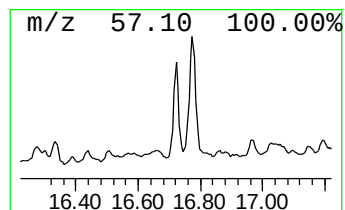
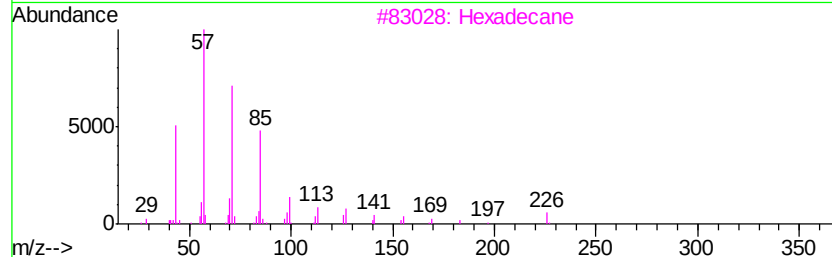
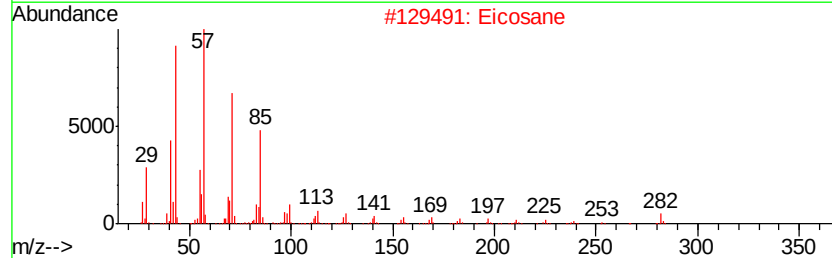
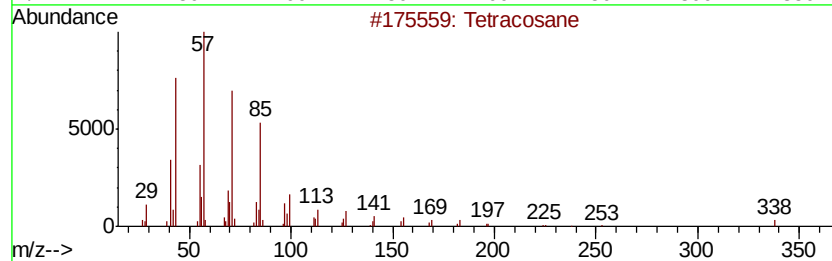
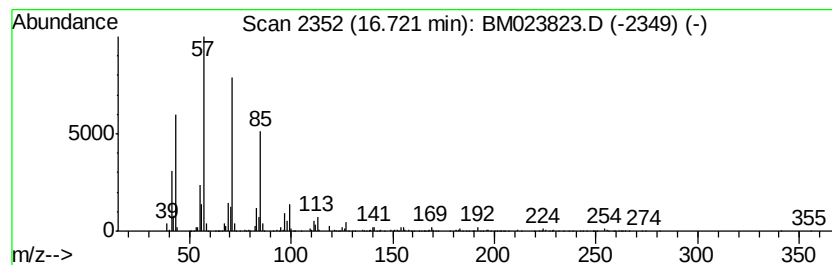
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.77 ng/ul	1264980	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	91
2			Eicosane	282	C20H42	000112-95-8	90
3			Hexadecane	226	C16H34	000544-76-3	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Misc :
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Instrument :
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ClientSampleId :
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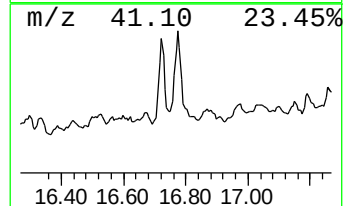
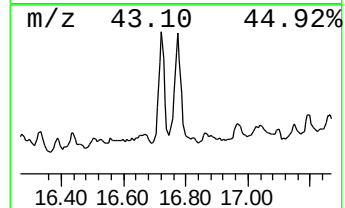
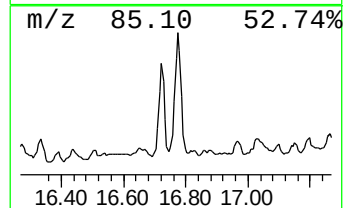
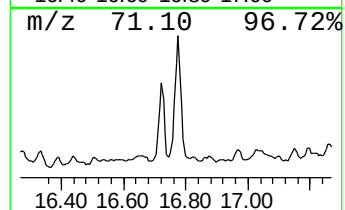
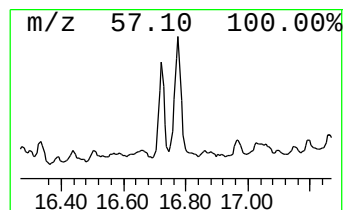
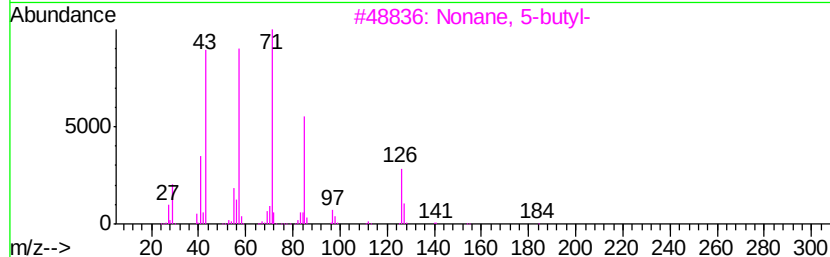
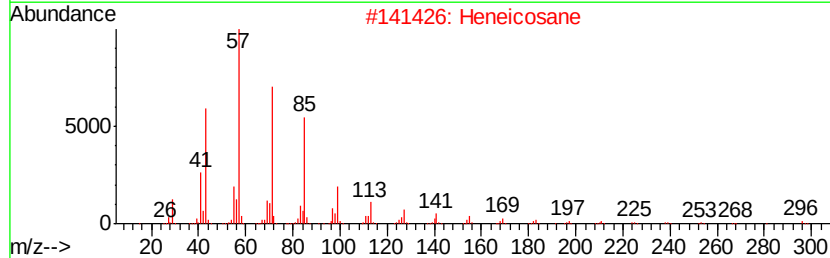
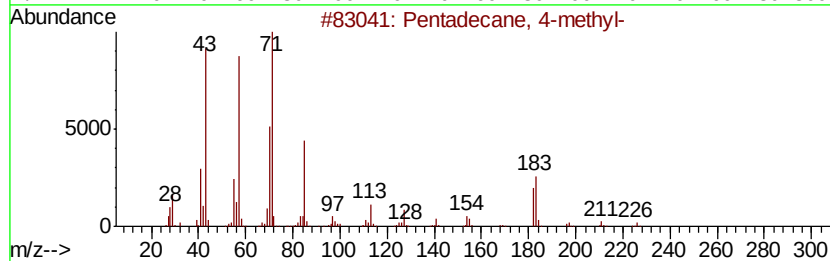
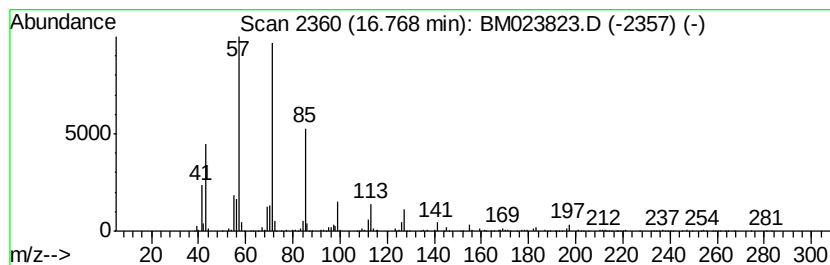
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	9.80 ng/ul	1830810	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	86
2			Heneicosane	296	C21H44	000629-94-7	86
3			Nonane, 5-butyl-	184	C13H28	017312-63-9	81
4			Tetracosane	338	C24H50	000646-31-1	80
5			Tetradecane	198	C14H30	000629-59-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Misc :
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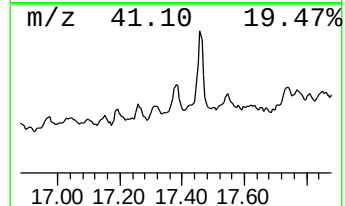
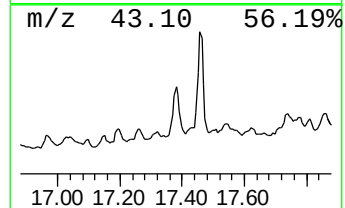
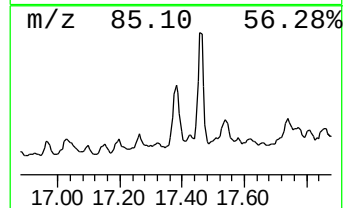
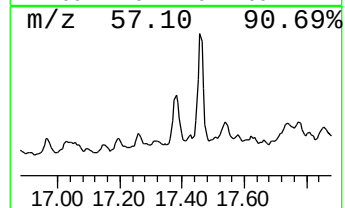
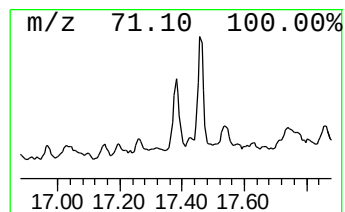
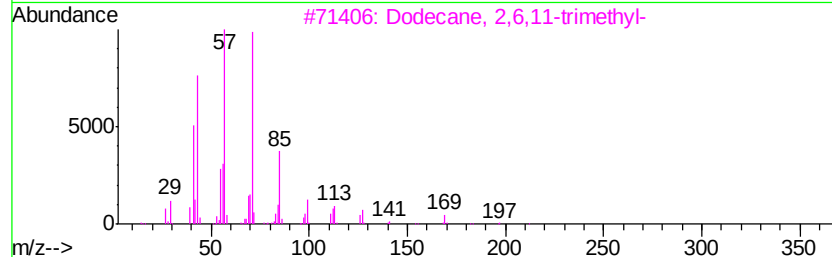
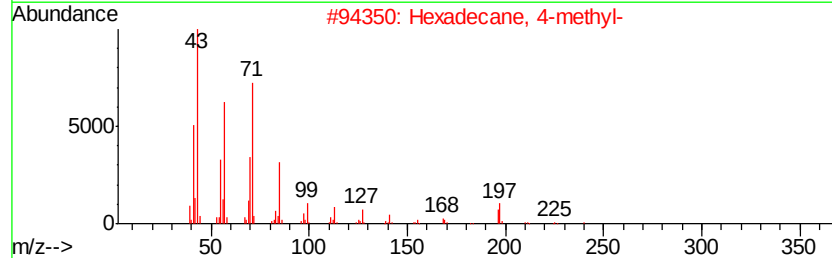
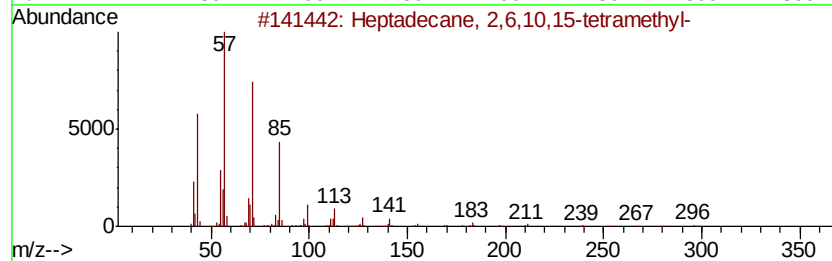
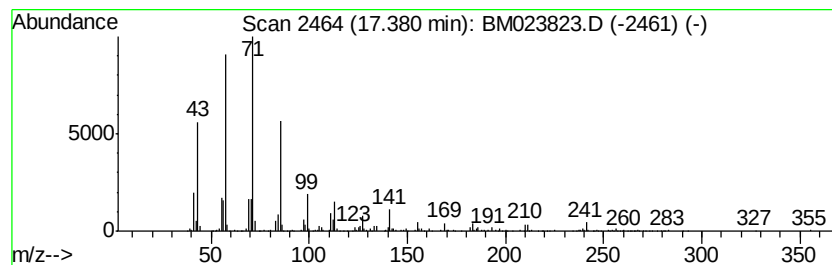
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.38	4.28 ng/ul	799636	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2		Hexadecane, 4-methyl-	240	C17H36	025117-26-4	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	89
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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Sample : K5847-10
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Instrument :
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ClientSampleId :
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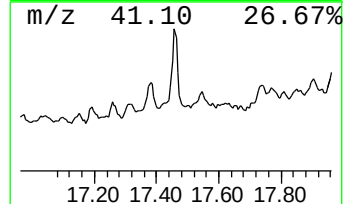
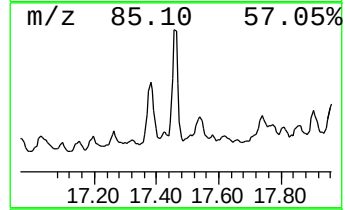
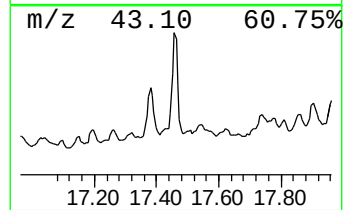
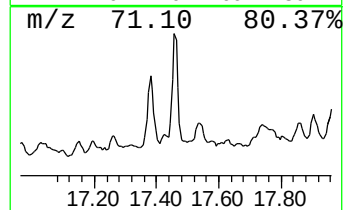
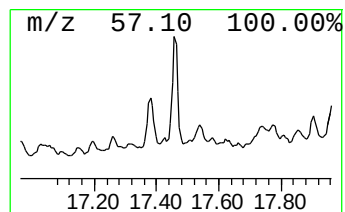
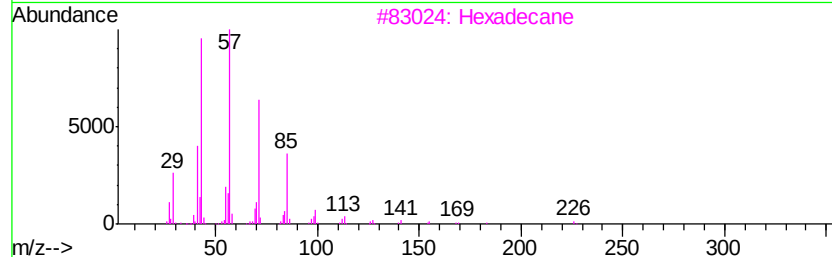
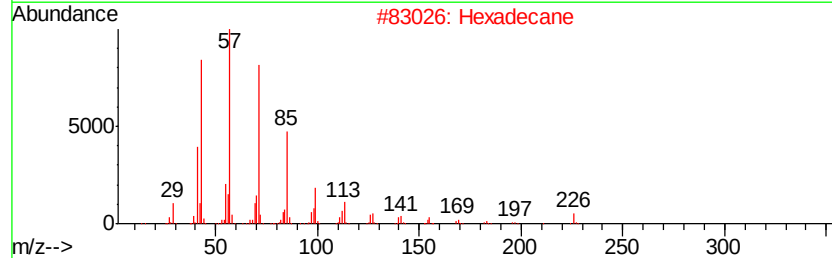
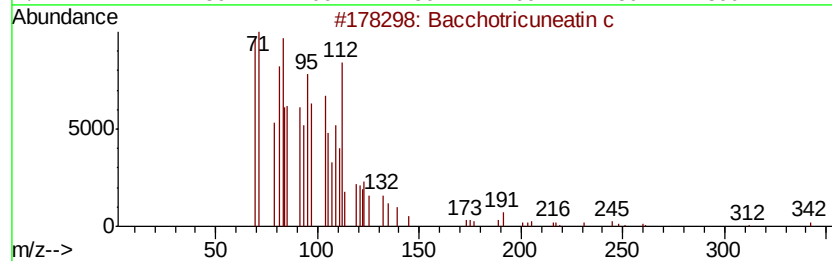
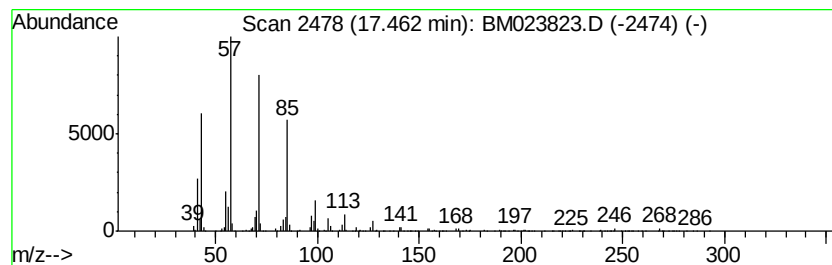
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Bacchotricuneatin c Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	8.50 ng/ul	1588020	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Hexadecane	226	C16H34	000544-76-3	95
3		Hexadecane	226	C16H34	000544-76-3	94
4		Hexadecane	226	C16H34	000544-76-3	93
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
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Acq On : 20 Nov 2019 07:31
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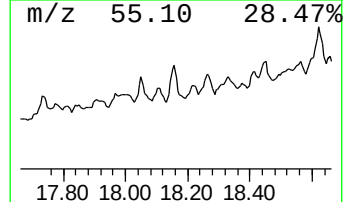
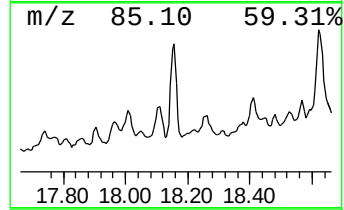
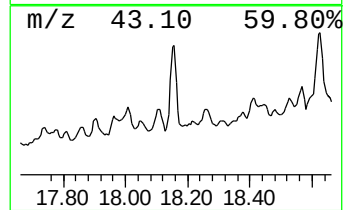
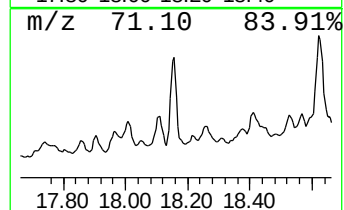
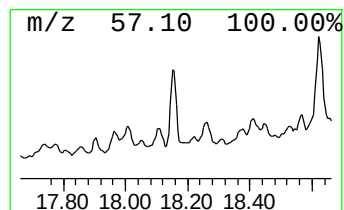
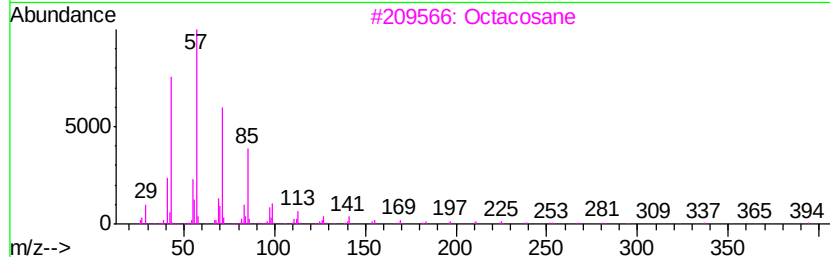
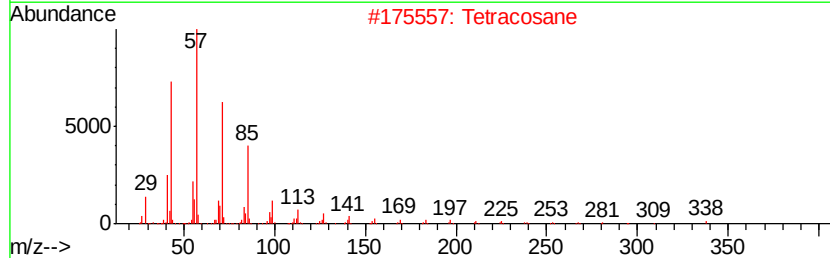
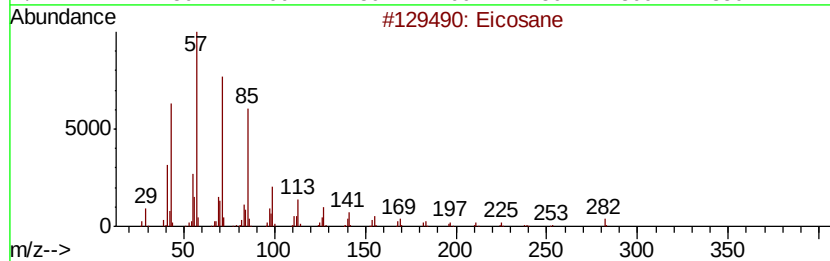
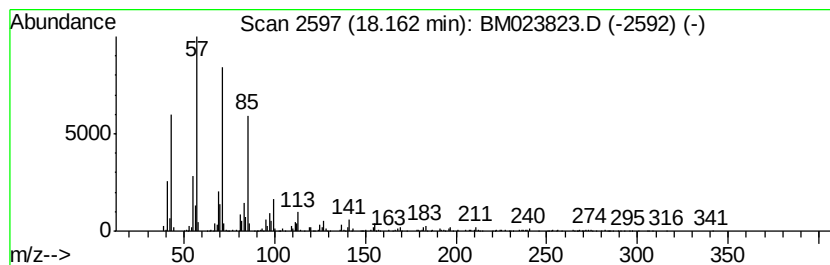
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	10.94 ng/ul	2043500	Phenanthrene-d10	16.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	96
2		Tetracosane	338	C24H50	000646-31-1	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Heptacosane	380	C27H56	000593-49-7	90
5		Pentadecane	212	C15H32	000629-62-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
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ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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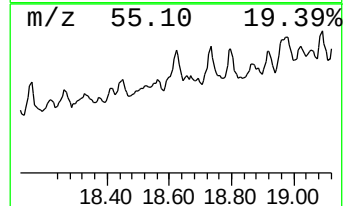
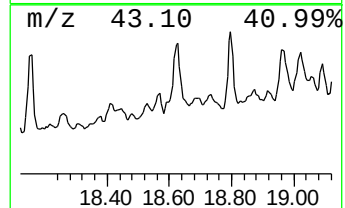
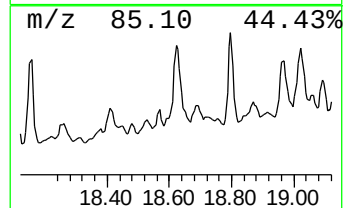
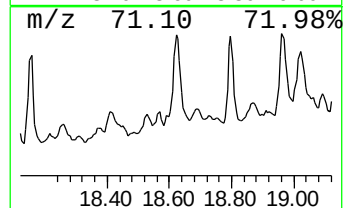
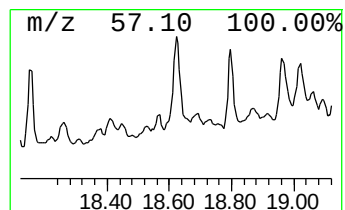
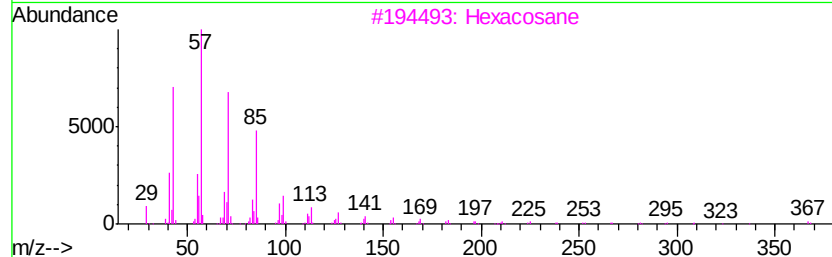
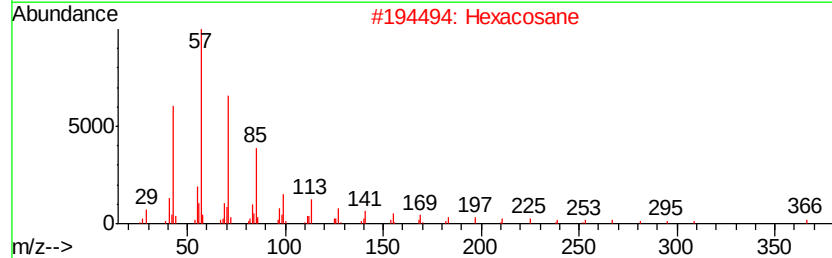
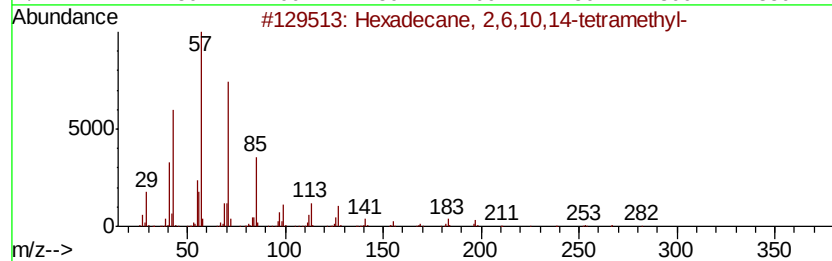
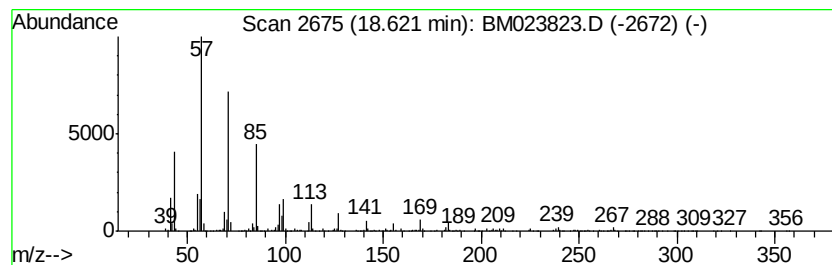
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	9.99 ng/ul	1866690	Phenanthrene-d10	16.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2			Hexacosane	366	C26H54	000630-01-3	91
3			Hexacosane	366	C26H54	000630-01-3	87
4			Octacosane	394	C28H58	000630-02-4	86
5			Heneicosane	296	C21H44	000629-94-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023823.D
Acq On : 20 Nov 2019 07:31
Operator : JU
Sample : K5847-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFPS9

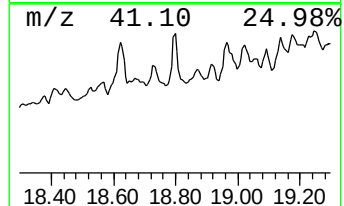
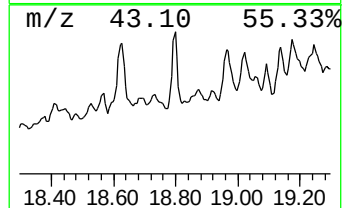
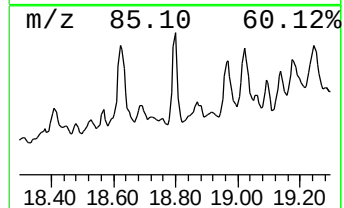
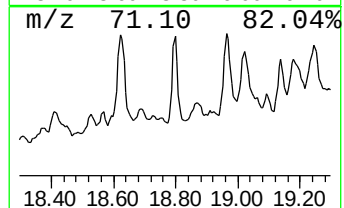
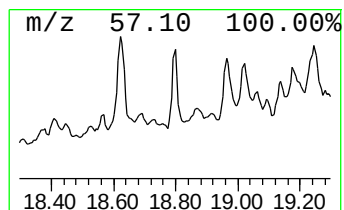
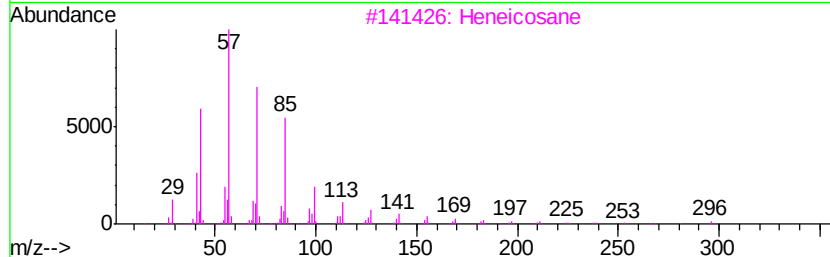
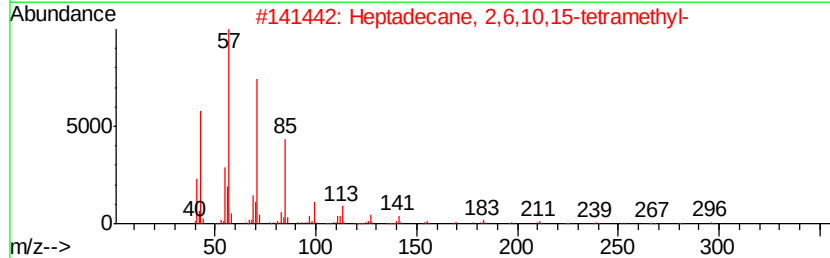
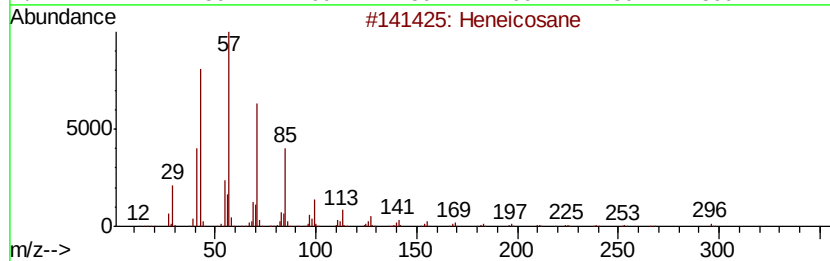
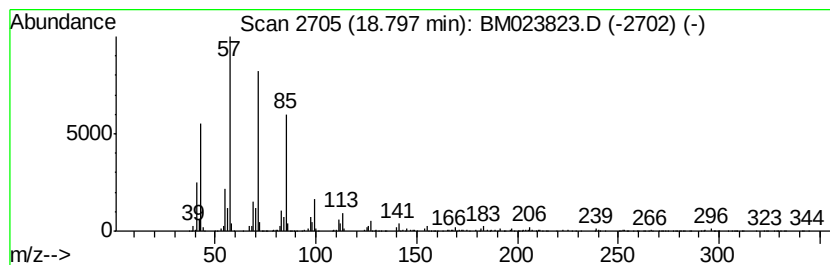
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	8.64 ng/ul	1613950	Phenanthrene-d10	16.93

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	95
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	94
3	Heneicosane		296	C21H44	000629-94-7	91
4	Octadecane		254	C18H38	000593-45-3	90
5	Nonadecane		268	C19H40	000629-92-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111919\
 Data File : BM023823.D
 Acq On : 20 Nov 2019 07:31
 Operator : JU
 Sample : K5847-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFPS9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	2.98	4.5	ng/ul	658192	1	7.52	2931030	20.0
Decyl isobutyl ca...	8.06	2.7	ng/ul	397299	1	7.52	2931030	20.0
(DEL) Alkane: Cyc...	8.63	3.0	ng/ul	437235	1	7.52	2931030	20.0
(DEL) Alkane: Str...	10.48	4.0	ng/ul	868889	2	10.29	4353000	20.0
(DEL) Alkane: Str...	11.34	5.7	ng/ul	1245420	2	10.29	4353000	20.0
(DEL) Alkane: Str...	11.75	7.3	ng/ul	1600020	2	10.29	4353000	20.0
(DEL) Alkane: Str...	12.59	2.1	ng/ul	494991	3	14.18	4667210	20.0
(DEL) Alkane: Str...	12.73	3.6	ng/ul	847248	3	14.18	4667210	20.0
(DEL) Alkane: Str...	13.02	6.2	ng/ul	1452770	3	14.18	4667210	20.0
1H-Indene, octahy...	13.60	2.7	ng/ul	619706	3	14.18	4667210	20.0
(DEL) Alkane: Str...	13.69	5.9	ng/ul	1367520	3	14.18	4667210	20.0
(DEL) Alkane: Str...	14.10	6.2	ng/ul	1437880	3	14.18	4667210	20.0
unknown-01	14.73	3.2	ng/ul	749718	3	14.18	4667210	20.0
(DEL) Alkane: Str...	15.06	4.9	ng/ul	1141250	3	14.18	4667210	20.0
(DEL) Alkane: Str...	15.47	5.0	ng/ul	1177990	3	14.18	4667210	20.0
(DEL) Alkane: Cyc...	15.67	2.9	ng/ul	542297	4	16.93	3736030	20.0
(DEL) Alkane: Str...	15.93	8.6	ng/ul	1611200	4	16.93	3736030	20.0
(DEL) Alkane: Str...	15.96	10.4	ng/ul	1949310	4	16.93	3736030	20.0
(DEL) Alkane: Str...	16.72	6.8	ng/ul	1264980	4	16.93	3736030	20.0
(DEL) Alkane: Str...	16.77	9.8	ng/ul	1830810	4	16.93	3736030	20.0
(DEL) Alkane: Str...	17.38	4.3	ng/ul	799636	4	16.93	3736030	20.0
Bacchotricuneatin c	17.46	8.5	ng/ul	1588020	4	16.93	3736030	20.0
(DEL) Alkane: Str...	18.16	10.9	ng/ul	2043500	4	16.93	3736030	20.0
(DEL) Alkane: Str...	18.62	10.0	ng/ul	1866690	4	16.93	3736030	20.0
(DEL) Alkane: Str...	18.80	8.6	ng/ul	1613950	4	16.93	3736030	20.0